



THE ROMANIAN ACADEMY'S RESEARCH INSTITUTES



2023

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Textele și fotografiile aparțin institutelor și centrelor aflate în subordinea Academiei Române.

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FOREWORD

The Romanian Academy is the expression of the national spirit, a forum of excellence in literature, arts and sciences, the highest cultural forum of our country. The Romanian Academy is also an institution with remarkable scientific research activity.

Science is an integral part of the Romanian Academy's activity. This booklet presents the 76 institutes and research centers in all fields of science and culture with their outstanding results of great significance for Romanian culture and science: language and literature dictionaries, linguistic atlases, treaties on the history of the Romanians, collections of documents regarding the Romanian history, geographical atlases, fundamental and applied research in chemistry, mathematics, physics, geology, technical sciences, agronomy, medicine and biology, legal sciences, philosophy.

Many of these institutes have a tradition stretching back a century, such as the Institute of South-East European Studies, "George Barițiu Institute of History", and "Sextil Pușcariu Institute for Linguistics and Literary History". Over the years, especially after the Second World War, the Romanian Academy established research institutes in the humanities, such as history, linguistics, literature, and fine arts, as well as in the exact and natural sciences, such as chemistry, biology, biochemistry, geology, mathematics, and astronomy. New institutes have been founded for the study of economics, sociology, philosophy, psychology, and information technology.

The prodigious successes of these institutes, many of them receiving recognition of excellence at an international level, are due to the hard work and dedication of almost 3000 researchers and specialists.

We are thankful to each Institute and Research Center of the Romanian Academy for their entire activity and for providing the information included in this booklet.

Acad. Ioan-Aurel Pop

President of the Romanian Academy







Section of Philology and Literature

The Institute for Literary History and Theory “George Călinescu”, Bucharest

“Iorgu Iordan – Alexandru Rosetti” Institute of Linguistics, Bucharest

“Sextil Pușcariu” Institute of Linguistics and Literary History, Cluj-Napoca

“A. Philippide” Institute of Romanian Philology, Iași

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Short History

The Institute for Literary History and Theory „G. Calinescu” is a public institution without legal personality, subordinated to The Romanian Academy by Governmental Decision no. 116/1990. In 1949 it was founded under the name *The Institute for Literary History and Folklore* and was run by G. Calinescu, the director of the Institute from the beginning until his death in 1965. In his honour, the Institute would be named afterwards *The Institute for Literary History and Theory „G. Călinescu”*. There followed Alexandru Dima (in 1967), Zoe Dumitrescu-Buşulenga (in 1973), Dan Grigorescu (in 1994), Gheorghe Vlăduţescu (in 2004) and Eugen Simion, who was director between 2006 and 2022.

In 1995, at the initiative of Acad. Eugen Simion, The Romanian Academy enrolled in its

programmes the most ambitious collective project of literary historiography in Romania, *Dicționarul general al literaturii române* [*The General Dictionary of Romanian Literature*], published in two editions, the first between 2004-2009 and the second, enlarged and revised, between 2016-2020, a work of unprecedented size and complexity. The Dictionary comprises various articles, many in the shape of monographical studies, on Romanian writers from Romania and from Romanian provinces outside the current borders of Romania and also from the diaspora.

Research Areas, Scientific Research

Main areas and fields of scientific research are: literary history and historiography, comparative literature, literary theory and critical editions. According to the classification of UNESCO, theory, literary analysis and criticism have the indicator 6202, while in the CAEN normative classification research and development in social and humanist sciences have the indicator 7220. The mission of the Institute is to harness Romanian literary and cultural heritage (manuscripts, periodicals, volumes etc.). The Institute aims to produce, edit and disseminate essential works of national relevance: dictionaries, encyclopedias, literary chronologies, critical editions. The researchers of the Institute are currently working within four departments: *The General Dictionary of Romanian Literature* (D.G.L.R.), one of the fundamental projects of The Romanian Academy, has been accomplished as a collaborative work of the Institute together with other literary institutes of the Romanian Academy, coordinated by the late Acad. Eugen Simion.

Other members of the department are involved in the writing of the first *Dictionary of Romanian moral writers* (*Dicționar al moraliștilor români*) – a project to be fulfilled in 2023. The Department of *Editions* is devoted to the critical editing of the works of important authors (G. Călinescu, E. Lovinescu, Mihail Sebastian, Pompiliu Constantinescu, Șerban Cioculescu, Vladimir Streinu etc.). The editorial project develops in collaboration with The National Foundation for Arts and Science, the volumes being published in the collection „Fundamental Works” („Opere fundamentale”). The first volumes of a critical edition of Mircea Eliade’s oeuvre are in the last stages of the editing process (Mircea Eliade, *Proza literară* [*Literary Prose*]).

Another ambitious project is *The Chronology of Romanian Literary Life in the Communist and Post-Communist Period*, a broad overview of the 1945-2012 period, dragging information out of significant cultural and literary publications (events, writers, books, prizes, cultural issues and literary debates, each volume provided with an index of authors). The research in the CVLR Department (*The Chronology of Romanian Literary Life*) will reach its final goal in 2023: the same temporal and bibliographical border as the *Dictionary of Romanian Literature* which is the year 2012. The volumes of *The Chronology* spanning the contemporary period (2001-2012) will be issued this year, in digital and print form, both for public and academic use. The Department of *Old Romanian Literature* has two outstanding accomplishments: *The Encyclopedia of Old Romanian Literature* (*Enciclopedia literaturii române vechi*) and *The Chronological Dictionary of Old Romanian Literature* (*Dicționarul Cronologic al Literaturii Române Vechi*).

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Publications:

Fonetică și dialectologie (<https://lingv.ro/fonetica-si-dialectologie/>)

Limba română (<https://lingv.ro/limba-romana/>)

Revue roumaine de linguistique (<https://lingv.ro/revue-roumaine-de-linguistique/>)

Studii și cercetări lingvistice (<https://lingv.ro/studii-si-cercetari-lingvistice/>)

Short History

“Iorgu Iordan – Alexandru Rosetti” Institute of Linguistics is the most prolific institute of philologic studies from Romania. It was set up in 2002 as a result of merging the “Iorgu Iordan” Institute of Linguistics, founded in 1949 and named after its first director in 1949, with the “Alexandru Rosetti” Institute of Phonetics and Dialectology, established in 1961 and named after its founder in 1990.

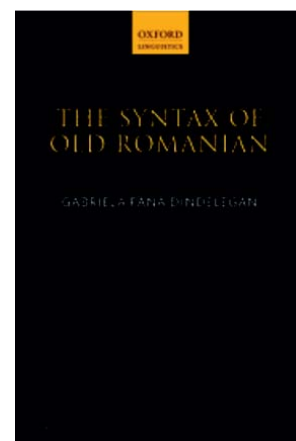
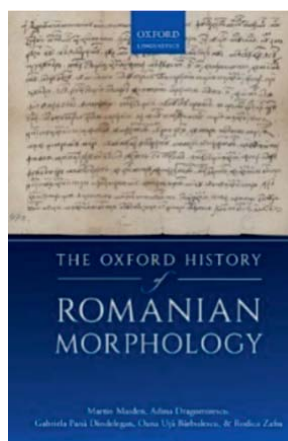
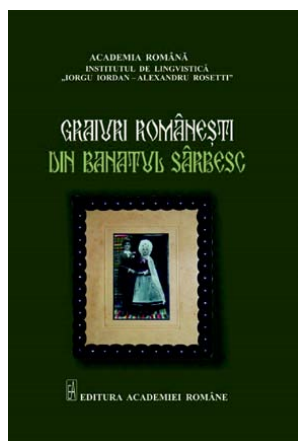
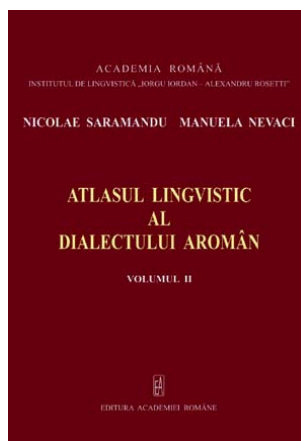
Research Areas, Scientific Research

Ever since its establishment, the Institute of Linguistics took on the fundamental assignment of the Romanian Academy to provide a reference grammar, a thesaurus dictionary, and the orthographic norms of the Romanian language. The main concerns of the Institute of Linguistics from Bucharest took shape in the successive editions of *The Grammar of Romanian* (1954, 1963/1966, 2005/2008), the complete edition of *The Dictionary of Romanian* (finished thanks to the collaboration of the institutes from Bucharest, Iași, and Cluj in 2010), and in the recurrent publication of *The Orthographic, Orthoepic and Morphological Dictionary of the Romanian Language* (1982, 2005, 2021).

Besides these directions established by the very mission of The Romanian Academy, the Institute of Linguistics is constantly working on editing old Romanian texts from the 16th to the 18th century, making linguistic atlases, publishing volumes of dialectal texts gathered from Romania and other Romanian-speaking regions, and issuing studies on Lexicology, Romance linguistics, etc.

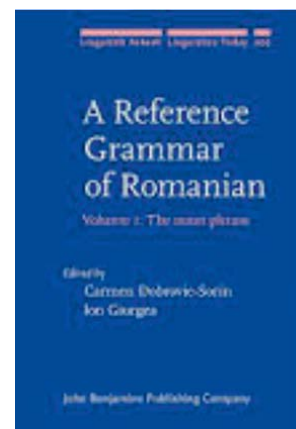
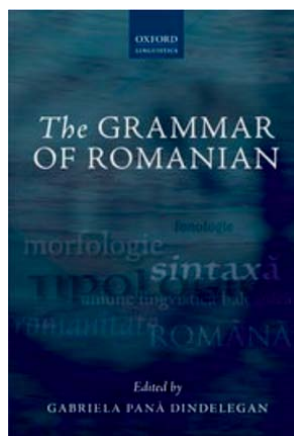
The elaboration of modern dictionaries represents a priority of the research activity, thus *The Dictionary – Thesaurus of Romanian* (<https://dlri.ro/>), *The Etymological Dictionary of the Romanian Language* (<https://delr.lingv.ro/>), and *The Explanatory Dictionary of the Romanian Language* (DEX) are currently being digitalized.

The first volume of *The History of the Romanian Language* (coord. M. Sala, L. Ionescu-Ruxăndoiu, Bucharest, 2018, 902 p.) scopes the period between the formation of the Romanian language and the year 1500. Two other volumes, dedicated to the history of Romanian from the 16th to the 18th century, and the 19th to the 20th century respectively, are currently in preparation.



The work carried out by the researchers of the Institute appeared with international and distinguished publishers, such as Oxford University Press (e.g., *The Oxford History of Romanian Morphology*, ed. M. Maiden, 2021; *Word Order and Parameter Change in Romanian*, A. Nicolae, 2019, *The Syntax of Old Romanian*, ed. G. Pană Dindelegan, 2016; *The Grammar of Romanian*, ed. G. Pană Dindelegan, 2013), John Benjamins (*The Reference Grammar of Romanian*, vol. I, ed. C. Dobrovie Sorin and I. Giurgea, Amsterdam).

The Institute of Linguistics is also responsible for editing four of the journals of the Philology Section of The Romanian Academy, which have been continuously published for at least six decades: *Fonetică și dialectologie*, *Limba română*, *Revue roumaine de linguistique*, *Studii și cercetări lingvistice*, *Revue roumaine de linguistique* (a Clarivate Analytics indexed journal). Numerous co-authored as well as edited volumes have been published under the tutelage of the Institute of Linguistics.



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Dacoromania – <http://www.dacoromania.inst-puscariu.ro>

Dacoromania litteraria – <http://dacoromanialitteraria.inst-puscariu.ro/ro/>

Caietele Sextil Pușcariu – <http://inst-puscariu.ro/CaieteleSP.html>

Nyelv és Irodalomtudományi Közlemények (Studii și cercetări de lingvistică și istorie literară) – <http://lett.ubbcluj.ro/nyirk/ro/>

Short History

First known as the Museum of the Romanian Language, the Institute was founded on October 1, 1919, by Sextil Pușcariu who was also appointed its first director. The Museum of the Romanian Language started out with a comprehensive programme which aimed at reviving public interest in the study of the Romanian language, preparing Romanian philologists, publishing monographic works, dictionaries, glossaries, bibliographies etc., and was focused on two main fields: the *Dictionary of the Romanian Language*, published by Sextil Pușcariu until 1948 (the letters *A, B, C, D* – in part, *F, G, H, I, J* and part of *L*); the *Linguistic Atlas of Romania*, published as two distinct series – 4 tomes by Sever Pop and 3 tomes by Emil Petrovici. In 1949, following the 1948 re-organization of the Romanian Academy, the Museum of the

Romanian Language, under its new name of Institute of Linguistics and Literary History, was placed under the authority of the Academy of the People's Republic of Romania, the branch of Cluj. Between 1974 and 1990 the Institute functioned as a department within the Faculty of Philology of Babeş-Bolyai University. In 1990 it was again placed under the authority of the Romanian Academy, the branch of Cluj-Napoca, under its current name: Sextil Puşcariu Institute of Linguistics and Literary History.

Research Areas

1. *Romanian and bilingual lexicography*. In 1959 the work on the *Dictionary of the Romanian Language* was given a fresh start, the team of Cluj being assigned the letters *O, R, T, Ț, U*, the second tome of the letter *L*, as well as the volume comprising the letters *K* and *Q*, a total of 8 tomes of which the last one was printed in 2010. Since 2011 work has been reinitiated for a new series of the Academy's Dictionary, the Institute of Cluj being assigned the letters *F–J*. Another publication of the Institute was the *Romanian–Hungarian Dictionary* (2 tomes, 1964), and the *Hungarian–Romanian Dictionary* (2 tomes, 2010–2011).

2. *Romanian dialectology*. The Institute has conducted research on Romanian subdialects, published in several series: Banat (the last volume published in 2022), Crişana (in collaboration with York University, Toronto), Maramureş and Transylvania. Work is under way on another linguistic atlas that aims to describe the Romanian subdialects in Eastern Serbia (the first 2 volumes being published in 2021). Specialists from the Institute also took part as inquirers and co-authors in the elaboration of two international projects: *Atlas Linguarum Europae* and the *Linguistic Atlas of Romance Languages*.

3. *Toponymy and anthroponymy*. Beginning in the 1960s, direct toponymy and anthroponymy inquiries were conducted in various areas: the Bistriţa valley (Bicaz), the Sebeş valley, Porţile de Fier, Maramureş, the Jiu valley etc. Later the work on the *Toponymic Treasure of Romania. Transylvania* began, with extensive inquiries conducted in a significant number of places in the counties of Alba, Bihor, Cluj, Sălaj and Sibiu.

4. *Philology and literary language*. Recent work in this field began with the *Corpus of the Romanian Manuscript Scholia* of Transylvania. The philologists in Cluj also contributed to editing the *Blaj Bible* and the Petru Pavel Aron's *Vulgata Bible*. Two other important achievements were the publication of a representative edition of Ion Budai-Deleanu's work in 2011 and the massive anthology of the *Transylvanian School* (*Şcoala Ardeleană*) in 2018 (4 volumes). In 2018 was also published, as the result of a collaboration with G. Călinescu Institute of Literary History and Theory in Bucharest, the *Encyclopedia of Old Romanian Literature*.

5. *Literary history*. In recent decades, the literary history research team has become involved in the elaboration of major works such as: the *Chronological Dictionary of the Romanian Novel from its Origins until 1989* (2004, 2011) and the *Chronological Dictionary of the Novel Translated into Romania until 1989* (2005, 2017). Researchers from the Institute has also collaborated to the elaboration of the *General Dictionary of the Romanian Literature* (a substantially revised edition being published between 2016–2021 in 8 volumes) and contributed to the five volume *Encyclopaedia of Romanian Imaginaries* (2020).

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Philologica Jassyensia <https://philologica-jassyensia.ro/>,

Buletinul Institutului de Filologie Română „A. Philippide” [Bulletin of the “A. Philippide” Institute of Romanian Philology] <http://www.philippide.ro/pages/arhiva.html>

Short History

The “Alexandru Philippide” Institute of Romanian Philology was founded in 1927 as a result of the endeavor of Professors G. Pascu and A. Philippide from the Faculty of Letters and Philosophy, in the “Alexandru Ioan Cuza” University of Iași. The Institute has borne Philippide’s name (since 6 December 1933), on the death of the outstanding linguist. In 1963, the Center for Linguistics, Literary History and Folklore of the Romanian Academy – Iași Branch, has been managed up to 1966 by Professor Al. Dima correspondent member of Romanian Academy, and then by the researchers N. A. Ursu, PhD (1968-1970), and Alexandru Teodorescu, PhD (1970-1975). During this period the research activity was subject to reorganization and to this day it is relied on fundamental programs and projects. Between 1974 and 1990, the Center was subordinated to the Romanian Ministry of Education and Learning. Since 3rd March 1990, the Institute functions as part of the Romanian Academy – Iași branch, under its present-day name. Directors: Professor Dan Mănuță, PhD (1990-2009), Professor Eugen Munteanu, PhD (2009-2013), Professor Bogdan Crețu, PhD (2013-2022), Senior Researcher Gabriela Haja, PhD (since September 2022). From 1975, the Center has been housed in the building erected by Gh. Asachi between 1830 and 1835, where he lived

and died (1869); a new building was added to the old house in 1975, and now it includes the offices of several other institutes of the Romanian Academy.

Research areas, scientific research

The “Alexandru Philippide” Institute of Romanian Philology is organized in five departments: Lexicology and lexicography, Literary history, Dialectology and sociolinguistics, Toponymy, Ethnology. The researchers in the specialized departments of the Institute work on **fundamental projects** for the Romanian culture in the corresponding fields: lexicography (*Dicționarul limbii române*, in cooperation with “Iorgu Iordan – Al. Rosetti” Institute of Linguistics of Romanian Academy and “Sextil Pușcariu” Institut of Linguistics and Literary History of Romanian Academy – Cluj-Napoca Branch, *Corpus lexicographic românesc electronic* <http://clre.solirom.ro>, *Dicționarul general al literaturii române* <http://dev.intellit.ici.ro/dictionaries>, in partnership with “G. Călinescu” Institute of Literary History and Theory, *Enciclopedia scrierilor memorialistice românești*, *Tezaurul toponimic al României. Moldova, Micul dicționar toponimic al Moldovei*), dialectology (*Noul Atlas lingvistic pe regiuni: Moldova și Bucovina*), ethnology (*Arhiva de Folclor a Moldovei și Bucovinei*). Besides these fundamental projects of the Romanian Academy, our researchers have been involved in competitively funded national projects of research, since 2003, many of which have as their main objective **the development of digital resources and tools for Romanian language and literature** (<http://solirom.ro>). The researchers actively participate in long-term international projects such as *Dictionnaire Étymologique Roman* (<http://www.atilf.fr/DERom/>) and *Atlas linguarum Europae* (<http://www.lingv.ro/ALE.html>). One member of the Institute is the delegate of the Romanian Academy to EFNIL (<http://www.efnil.org/projects/elm>), another one is member in the OEP staff (<http://www.observatoireplurilinguisme.eu>) and two members are consultants in Romania’s UNESCO programs for the safeguarding of the intangible cultural heritage. The researchers have published more than 150 volumes, tens of editions of literary, critical or linguistic works, more than one thousand articles and studies all gathered in journals, in collective volumes and in proceedings (part of which are Clarivate indexed), hundreds of academic papers delivered at national and international congresses, conferences and symposia. Prizes of the Romanian Academy and other prestigious literary prizes are marks of a rich and varied scholarly and cultural activity. The journals of the Institute, “Anuar de lingvistică și istorie literară” and “Philologica Jassyensia” (published in collaboration with “A. Philippide” Cultural Association), highlight the distinctive Romanian research within the European context and offer editorial space to researchers affiliated with institutions outside of Romania.

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Publications: see below

Short History:

Between 1963-1969, the Base for Scientific Researches Timișoara (belonging to the Romanian Academy) included a Linguistics Department. A change occurred in 1969, when the Linguistics Department was subordinated to the University of Timișoara. In 1976, this department passed out in the Centre for Social Sciences, which had been founded in 1970 and operated within the University of Timișoara.

In 1990, the Decree-Law no. 4 (on the organisation and functioning of the Romanian Academy) provided for the establishment of the branches of Cluj, Timișoara, and Iași. Regarding the branch of Timișoara, the Institute for Social-Humanistic Sciences was one of the scientific research institutes that were re-established. Later, it became ”Titu Maiorescu” Institute for Banat Studies. Its main objective was to point out the contribution brought by the Banat region to the Romanian history, culture, and spirituality.

Research areas, scientific research

Two departments function within the ”Titu Maiorescu” Institute for Banat Studies: Philology and History.

The Department of Philology has had a major priority: the elaboration of some monumental works focused on literary history and linguistics, comprising an attempt to revive the public interest in the study of the Romanian literature and language. Consequently, the researchers were involved in some significant projects: *The Etymological Dictionary of the Romanian Language*, *The General Dictionary of the Romanian Literature*, *The Post-World War II Romanian Drama*, *The Post-World War II Romanian Novel: the Reception File*.

Aiming at the scientific recovery of the rich, complex, yet intricate cultural past the Banat region has, the Department of Philology started to do critical editions of multifarious writers, such as Victor Vlad Delamarina, Ioan Popovici Bănățeanul, David O. Blidariu, Emilia Lungu-Puhallo, Cora Irineu, Ion Frumosu, Eugen Todoran, G. I. Tohăneanu, Ilie Chebeleu.

Under the scientific authority of the Institute and with the support of the Encyclopedic Society of Banat, the so-called Bibliotheca Banatica collection has been published. It incorporates the critical editions of some works that are relevant for the cultural and scientific background in Banat, on the one hand, and some inedited (but suggestive) texts, on the other hand.

The Department of History was concerned especially with the medieval and modern history of Banat. By means of substantial and convenient contributions, it tried hard to highlight the

connections between the Banat region and the space around. Since 2020, the activity of the department has been enhanced due to relentless archaeological researches.

Both departments collaborate with academic and cultural institutions in the country and abroad: West University of Timișoara, "Aurel Vlaicu" University of Arad, "Bogdan Petriceicu-Hasdeu" Institute of Romanian Philology (Chișinău), The Cultural Institute of the Romanian in Voivodina, The Institute of Balcanology in Belgrad (belonging to The Serbian Academy for Sciences and Arts) etc.

Publications:

The research team of the Institute has been involved in the development of *The Banat Encyclopedia*. Two volumes have been published by now: *Literature* (2015) and *Historiography* (2020)

Since 2010, Revista de studii banatice ["Journal of Banat Studies"] has been issued. Extensive studies, reviews, documents, unique manuscripts regarding Banat have been edited in this scholarly journal.

The aim of the journal is to publish high-quality historical, linguistic and literary research undertaken locally and regionally. Therefore, most of the articles published within the pages of the journal belong to the researchers of the Institute. At the same time, submissions from European scholars have equally been welcomed.



ACADEMIA ROMÂNĂ
FILIALA TIMIȘOARA
INSTITUTUL DE STUDII BANATICE „TITU MAIORESCU”
BIBLIOTECA ACADEMIEI ROMÂNE – FILIALA TIMIȘOARA

vă invită la manifestarea dedicată
ZILEI CULTURII NAȚIONALE

- **Cuvânt de deschidere:**
Acad. Dan DUBINĂ, președintele Filialei Timișoara a Academiei Române
- **Cuvânt introductiv**
al Președintelui Academiei Române, Acad. Ioan Aurel POP
- **Conferință:**
Nieu CIOBANU, scriitor și publicist, redactor- responsabil al revistei „Piramida”, Institutul de Cultură al Românilor din Voivodina
■ *Zna Culturii Naționale – reper și necesitate. Modalități de exprimare și promovare a valorilor naționale*
- **Film documentar:**
■ *Pornii Luceafărul – turneul bătănean al lui Eminescu cu trupa Pascaly, cu popasuri în Lugoj, Timișoara, Arad și Oravița*
Realizator Vasile BOGDAN, producție a TVR Timișoara
- **Lansări de carte:**
■ *Istoriografia*
Prezintă prof. univ. dr. Ioan BOLOVAN, membru corespondent al Academiei Române.
■ *Lexiconul lingviștilor români din Banat*
■ *Lingvistica română din Banat. Cronologie și statistici*
Prezintă prof. univ. dr. Ilie RAD, Universitatea „Babeș Bolyai”, Cluj-Napoca.
■ *Discursurile parlamentare ale deputatului Pamfil Șeicaru (1928-1937)*
Prezintă acad. Păun Ion OTIMAN, președinte de onoare al Filialei Timișoara a Academiei Române.



Coordonator general:
prof. univ. dr. Crisna DASCĂLU
Coordonator principal:
prof. dr. Dumitru TOMONI



Coordonator:
prof. univ. dr.
Doina BOGDAN-DASCĂLU



Editor:
asistent univ. dr. Andrei ANDO



Coordonator:
prof. univ. dr.
Doina BOGDAN-DASCĂLU

Manifestarea va avea loc fizic (cu respectarea regulilor pandemice în vigoare) și online,
luni, 17 ianuarie 2022, începând cu ora 11.00.
Ne puteți urmări accesând coordonatele:
Join Zoom Meeting
<https://us04web.zoom.us/j/76145743767?pwd=VjkiRDh0WlY1VUd2ZSxkaDVMVjMvZDZz09>
Meeting ID: 761 4574 3767
Passcode: cultura



ACADEMIA ROMÂNĂ, FILIALA TIMIȘOARA
INSTITUTUL DE STUDII BANATICE
"TITU MAIORESCU"

Serile Institutului de Studii Banatice

TIMIȘOARA IN SECOLUL AL XVI-LEA
De la cetatea creștină la orașul otoman

Dr. ADRIAN MAGINA

Cuvânt de deschidere
Acad. Dan DUBINĂ,
președintele Filialei din Timișoara a Academiei Române

Moderator
Prof. univ. dr. Florin DRAȘOVEAN



12 mai 2022, ora 18.00
Aula Filialei din Timișoara a Academiei Române, b-dul Mihai Viteazul nr. 24
*Conferința poate fi urmărită și on-line pe platforma Zoom

Sponsor *Petrus Vasels*





Section of Historical Sciences and Archaeology

“Vasile Pârvan” Institute of Archaeology, Bucharest

Institute for the History of Religions, Bucharest

Institute of History “Nicolae Iorga”, Bucharest

Institute for South-East European Studies, Bucharest

National Institute for the Study of Totalitarianism, Bucharest

Institute of Archaeology and Art History, Cluj-Napoca

“George Barițiu” Institute of History, Cluj-Napoca

Institute of Archaeology, Iași

“A.D. Xenopol” Institute of History, Iași

“C. S. Nicolăescu-Plopșor” Institute for Studies in Social Sciences
and Humanities, Craiova

Institute of Social Sciences and Humanities, Sibiu

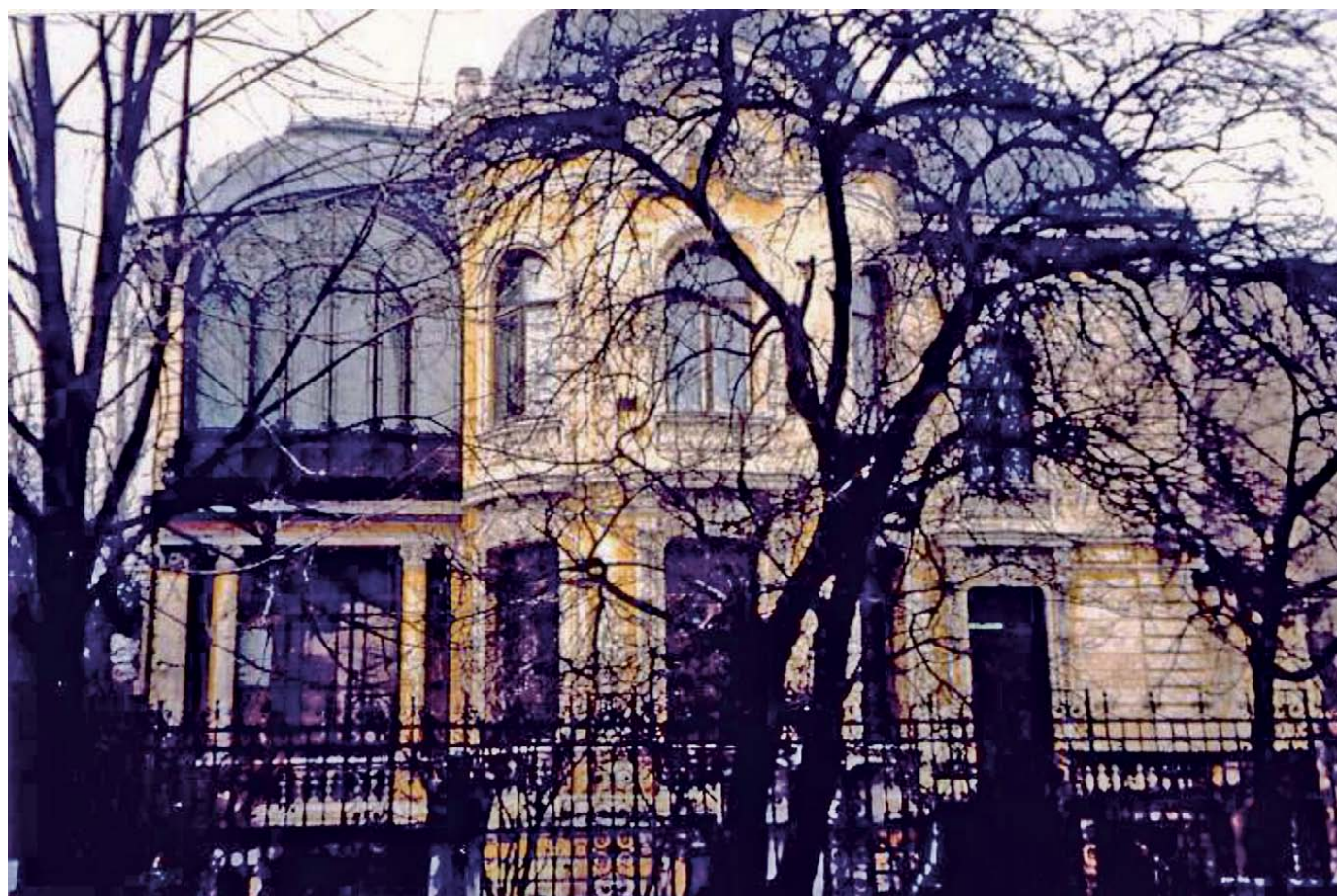
“Gheorghe Șincai” Research Institute for Social Sciences and Humanities,
Târgu Mureș

The “Bukovina” National Institute, Rădăuți

Centre for European History and Civilization, Iași

Center for Transylvanian Studies, Cluj-Napoca

“Vasile Pârvan” Institute of Archaeology, Bucharest



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Research staff: 48

Publications: *Dacia. Revue d'Archéologie et d'Histoire Ancienne. Nouvelle Série*, www.daciajournal.ro; *Studii și Cercetări de Istorie Veche și Arheologie*, www.scivajournal.ro; *Materiale și Cercetări Arheologice*, www.mcajournal.ro; *Studii și Cercetări de Numismatică*, www.scnjournal.ro; *Thraco-Dacica*, www.tdjournal.ro

Short history

The Institute of Archaeology in Bucharest (known from 1992 on as the “Vasile Pârvan” Institute of Archaeology) goes back institutionally to 1956. It was the year when the National Museum of Antiquities (founded in 1864 by a decree of Prince Alexandru Ioan Cuza) and comprising the collections of the former Museum of Natural History and Antiquities (founded in 1834) transformed into an archaeology institute. Starting as a sum of prestigious private collections, the National Museum of Antiquities was, by its archaeological investigations at the end of the 19th and the beginning of the 20th centuries, a true research institute. The activity of illustrious names of the Romanian academic life set the foundations of prehistoric,

classical and medieval archaeology, initiated excavations at important archaeological sites, drafted the first archaeological synthesis and formed specialists of European level. In time, the Institute maintained its constant interest for the archaeological heritage.

The Institute owns extremely valuable scientific and cultural heritage illustrated by its headquarters (the Macca House – a monument of architecture), study collections (archaeological, epigraphic, architectural, sculptural and numismatic artefacts), the best specialized library in south-eastern Europe, an important historical, scientific and cartographic archive essential to the history of Romanian archaeology, laboratories for investigations and restoration, storage areas and archaeological bases with various specialized facilities.

Scientific Research; Research Areas

As an institute for fundamental research we cover a broad range of manifestations in the field of archaeology and history, both spatially and temporally, as well as thematically diverse and specialized and in tight connection with other special disciplines.

The Institute, in partnership with various collaborators ensured the continuation of systematic research at several archaeological nationally and internationally important sites under its scientific coordination, distributed all over Romania. The Institute is involved in rescue excavations occasioned by the large infrastructure developments, various large constructive projects and conservation and restoration works of historical monuments.

By the archaeological investigations and the publication of specialized studies in the fields of pre- and protohistory, ancient and medieval Romanian and universal history, the Institute contributes to the formation, enrichment, and conservation of the archaeological heritage. The dissemination of the results is carried out by the publication and coordination of monographs, volumes of studies and historical sources, the scientific editing of various works, contributions to publications in databases acknowledged for the humanistic studies domain. It also conducts a varied editorial program through its periodic publications (among the oldest and most prestigious in the country), by its participation to large academic projects linked to the history and historiography of the field, by the organization and participation at scientific events and exhibitions, both in Romania and abroad.

The results of the research carried out within the Institute are part of the seminal bibliography quoted in fundamental studies regarding the archaeology, and the ancient and medieval history of Romania and the neighbouring regions, as well as of the specialized databases and reports at international congresses. The doctoral programs within the Institute and the collaboration with various universities contributes to student education in the fields of archaeology and ancient and medieval history. The involvement of the members of the Institute in specialized national commissions ensures its participation at archaeological activities of national magnitude, complemented by those of protection, restoration and valorisation of historical monuments.

Institute for the History of Religions, Bucharest

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www.facebook.com/HistoryofReligionsBucharest/

The Institute for the History of Religions (**IHR**) **research staff** includes at present a total of nine academic positions, besides the three administrative ones (accountants, librarian): one Scientific researcher [SR] I, one SR II, five SR III (two at 50%), and two SR.



IHR Publications: IHR co-edits since 2008 two peer-reviewed, multi-indexed international periodicals published in six languages:

Archaeus. Studies in the History of Religions (f. 1997) *Archaeus* – Institutul de Istorie a Religiilor (ihr-acad.ro) and *Studia Asiatica. International Journal for Asian Studies* (f. 2000) STVDIA ASIATICA – Institutul de Istorie a Religiilor (ihr-acad.ro) (founding editor-in-chief: Eugen Ciurtin). Since 2016, IHR edits a scholarly series of *Studies and Documents in History of Religions* (six volumes, four forthcoming), edited by Eugen Ciurtin and Bogdan Tătaru-Cazaban, with Spandugino Publishing House. *Colecții* – Institutul de Istorie a Religiilor (ihr-acad.ro) Associated periodical: *Chora. Revue d'études anciennes et médiévales: philosophie, théologie, sciences* (www.revuechora.com), *Polirom*. Past volumes of *Archaeus* and *Studia Asiatica* are available from www.ceeol.com.

Short history

The very existence and activity of IHR for the past 15 years would have not been possible without a remarkable string of 19th-20th century predecessors, from Constantin Georgian (1850-1904), Moses Gaster (1856-1939) or Lazăr Șăineanu (1859-1934) to Mircea Eliade (1907-1986), Sergiu Al-George (1922-1981), Arion Roșu (1924-2007) and Ioan Petru Culianu (1950-1991), nor without the renewal of History of religions in Romania after 1989. Founded in 1997, the Romanian Association for the History of Religions (RAHR) has promoted through international publications and conferences as well as through a coherent cultural presence in Romania the re-foundation of History of religions as an autonomous, fundamental, and generous scholarly discipline at the crossroads of several areas and methods within the whole spectrum of humanities. Even before Romania's accession to European Union, RAHR successfully organized the first ever International Congress in Eastern Europe, held in Bucharest in 2006: the Conference of the *European Association for the Study of Religions* | Special Conference of the *International Association for the History of Religions*. The Romanian Academy has immediately acknowledged the various global institutional and scholarly endorsements received by the RAHR scholars and thus supported RAHR projects by founding the Institute.

Scientific Research; Research Areas

The Departments of IHR are: *South Asian Religions and Buddhist Studies*, *Religions of the Mediterranean World and the Near East*, and *Religions and Modernity*. IHR Founding Director: Professor Dr.dr.h.c.mult. Andrei Pleșu (2008- 2010). Previous Directors a.i.: Acad. Dan Berindei (2010-2018), Dr Bogdan Tătaru-Cazaban (2018-2022). Present Director: Dr Eugen Ciurtin (since June 2022). **IHR's Scientific Council** has included in 2008-2018/2022 Professors Andrei Pleșu and Francisca Băltăceanu, Acad. Dan Berindei, Dr Andrei Oișteanu, Dr Bogdan Tătaru-Cazaban and Dr Eugen Ciurtin (secretary, 2008-2018). It benefits today from the expertise of professors as Mircea Dumitru, Vice-president of the Romanian Academy, Florin Deleanu (Director, International Institute for Buddhist Studies, Tokyo), Dr Alin Suciuc (Akademie der Wissenschaften, Göttingen), Dr Bogdan Tătaru-Cazaban (secretary) and Dr Eugen Ciurtin.

IHR started with only six permanent positions in 2008, with a low of only three or four in 2012-2016, complemented by various non-permanent positions. Two new permanent ones were opened since 2018 and another three in August 2022. IHR also has eight associate members: valuable Romanian-born scholars of religion active worldwide. In 2021-2022, an IHR-lead team has won a UEFISCDI Project on *The intellectual heritage of André Scrima in Lebanon*, with Dr Daniela Dumbravă as Principal investigator | BUILDRES (andrescrima.ro). Over the years, IHR became home to key donations from Romania, Europe, and Asia for its Library, amounting to some 4,000 volumes of manuscripts, books and periodicals, including the archive of Arion Roșu. A part of Eliade's own Bucharest library, with books acquired in India, is housed by IHR as donated by Vlad Șovărel. Following the sorry dismemberment of Eliade's Bucharest archive (2019-2022), a public campaign initiated by IHR members (<https://enescueliade.com/>) has persuaded the Romanian Academy to acquire 17 Eliade manuscripts in 2021. In 2022, several private benefactors acquired from subsequent auctions and graciously donated to IHR a unique collection of 67 manuscripts rescued for the benefit of the public domain.

After critically editing the multilingual manuscripts of Georgian (3 vols., 2017-2019) or Eliade's first *Yoga* of 1936 (a first worldwide, 2016), a team of eight IHR researchers (Apostu, Băncilă, Ciurtin, Dumbravă, Negoită, Pavel, Șovărel, Tătaru-Cazaban) has embarked since 2022 upon critically editing all of the Eliade manuscripts, mostly unpublished, now held by IHR. Today, IHR represents the first and best academic institution for the study of religions in Romania and was ranked accordingly by university and research standards.

Institute of History "Nicolae Iorga", Bucharest



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Publications: *Revista Istorică* <https://sites.google.com/site/revistaistorica/home>

Studii și Materiale de Istorie Medie <http://www.iini.ro/Revistele%20institutului.htm>;

Studii și Materiale de Istorie Modernă <http://www.iini.ro/Revistele%20institutului.htm>

Studii și Materiale de Istorie Contemporană <http://www.iini.ro/Revistele%20institutului.htm>

Historical Yearbook, <https://historicalyearbook.ro/>

Short history

The "Nicolae Iorga" Institute of History was founded on 1 April 1937 under the name of "Institute for the Study of Universal History". It was the last of the many research institutes that Nicolae Iorga had created, and functioned under his direction until November 1940. The building that still houses the institute was designed by architect Petre Antonescu and

was decorated with frescoes by Olga Greceanu; its official inauguration took place on 16 December 1939. In 1948, the institute became the Institute of the History of the Romanian Popular Republic and was placed under the aegis of the Romanian Academy. The institute bears the name of its founder since 1965.

Outstanding personalities of Romanian history writing, such as: Gheorghe I. Brătianu, Constantin Marinescu, Maria Holban, Andrei Oțetea, Petre P. Panaitescu, Alexandru Elian, Constantin C. Giurescu, Ilie Corfus, Nicolae Stoicescu, Șerban Papacostea, Cornelia Bodea, Dan Berindei, and Florin Constantiniu, were members of our institute.

Scientific Research; Research Areas

The main fields of research are the history of Romania and European history from the Middle Ages until the present day. The long term projects include the publication of the documents issued by the chancellery of Wallachia during the 14th-17th centuries (series *Documenta Romaniae Historica*, B. Țara Românească) and the foreign travelers relations concerning the Romanian Principalities from the Middle Ages until the end of the 19th century.

The short term projects are related to the social history of Wallachia (16th-18th centuries); merchants and trade in the Central-Eastern Europe in the Middle Ages and Early Modern period; the political history of Wallachia and Moldavia during the 15th-17th centuries; the history of Black Sea; the cartography in the Early Modern period; the modernization of Romania in the 19th century; history of books and education (19th-20th c.); Romania in the interwar period; the Romanian Communism.

The present scientific structure of the institute includes 4 main departments: *Source publication and the social history of Wallachia (16th-18th c.)*; *Central Eastern Europe and the Black Sea in the Late Middle Ages and Early Modern period*; *The Modernization of Romania in the 19th century*; *Romania in the 20th century*.

Among the most important publications in the last years we mention Liviu; Gheorghe Lazăr, *Catastife de negustori din Țara Românească (secolele XVIII-XIX)*, Iași: Edit. Universității „Alexandru Ioan Cuza”, 2016, 403 p.; Nicoleta Roman (ed.), *Orphans and Abandoned Children in European History (Sixteenth to Twentieth Centuries)*, London: Routledge, 2018, 292 p.; Mária Pakucs, *Sibiul veacului al XVI-lea. Buna rânduiala a unui oraș transilvănean*, București: Humanitas, 2018, 270 p.; Ovidiu Olar, *La Boutique de Théophile : Les relations du patriarche de Constantinople Kyrillos Loukaris (1570-1638) avec la Réforme*, Paris: EHESS-De Boccard, 400 p.; Bogdan Popa, Radu Tudorancea (eds.), *Războiul de fiecare zi. Viață cotidiană în tranșee și în spatele frontului în Primul Război Mondial (1914-1919)*, Târgoviște: Cetatea de Scaun, 2018; Ovidiu Cristea, Liviu Pilat, *From Pax Mongolica to Pax Ottomanica. War, Religion and Trade in Northwestern Black Sea Region (14-16th centuries)*, Leiden-Boston: Brill, 2020, 318p; Constanța Vintilă et alii, *Lux, modă și bagatele politicești în Europa de sud-est, secolele XVI-XIX*, București: Humanitas, 2021, 431 p.

Institute for South-East European Studies, Bucharest



European
Research
Council



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Research staff: 26

Publications: *Revue des Études Sud-Est Européennes* (<https://resee.acadsudest.ro>), *Études byzantines et post-byzantines* (<https://srsb.ro/ebpb/>).

Short history

The Romanian Academy's Institute for South-East European Studies, re-established in 1963 under the direction of Mihai Berza, is the rightful successor of the the Institute for South-East European Studies (founded by N. Iorga in 1913) and of the Institute for Balkan Studies and Researches (founded by Victor Papacostea in 1937), both abolished by the Communist regime in 1948. From the very beginning, the Institute for South-East European Studies has remained faithful to the general objective set by the founders of the institutes it inherited: comparative and interdisciplinary research (history, literature, linguistics, art, folklore, social anthropology) on South-East Europe. The aim is to gain an in-depth knowledge of the political, cultural, social and economic relations between the peoples of this region, from Antiquity until modern times.

Research areas and research activities

Currently the reasearch activity of the Institute for South-East European Studies is organized into 11 research programmes. The main areas are the comparative history of the peoples of South-East Europe, the comparative history of South-East European literature and arts, Balkan linguistics, and the comparative anthropology of South-East Europe. In the Institute's research programmes, the geographical concept of South-East Europe is interpreted broadly and embraces the region's links with the Eastern Mediterranean and the Caucasus in the east and with Italy in the west.

The research activity of the Institute for South-East European Studies aims at publishing collections of sources, monographs, synthesis papers, and a journal with wide international circulation, as well as establishing research partnerships with relevant institutions in Europe

and beyond. Its mission is facilitated by the existence of a valuable team of researchers with appropriate scientific and linguistic skills. The Institute has a library of over 45,000 volumes. The Institute for South-East European Studies has been running weekly courses in Balkan and Oriental languages since 2017.

In recent years, steps have been taken to increase the national and international visibility of the Institute for South-East European Studies: indexing of the *Revue des Études Sud-Est Européennes* in international databases (ERIH); organisation of an annual colloquium, now in its 4th iteration (with guests from abroad); publication of a collection of monographs in major languages. In September 2019, the Institute for South-East European Studies organized in Bucharest the 12th International Congress of South-East European Studies, attended by over 400 specialists from more than 30 countries.

As of 2021, the Institute for South-East European Studies is the host institution of the ERC Advanced Grant TYPARABIC European research project, *Early Arabic Printing for the Arab Christians. Cultural Transfers between Eastern Europe and the Ottoman Near-East in the 18th Century* (2021-2026), coordinated by dr. habil. Ioana Feodorov. The TYPARABIC project involves a team of 16 researchers from Romania, Bulgaria, Israel, Lebanon, France, USA, Turkey, and Ukraine.

National Institute for the Study of Totalitarianism, Bucharest

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Phone: (+40) 21 318 24 50

E-mail: inst.academia@gmail.com, secretariat@totalitarism.ro

Web page: www.totalitarism.ro

Research staff: 18 researchers

Publications:

Academic journal Arhivele Totalitarismului/Totalitarianism Archives (quarterly)

NIST Publishing House edits and publishes books in eight special collections

„Biographies”, „Debates”, „Documents”, „Dictionaries”, „Encyclopaedias”,

„Memoirs”, „Synthesis”, „Studies”

www.totalitarism.ro

Short history

The National Institute for the Study of Totalitarianism (NIST) is a publicly financed research unit of the Romanian Academy, located in Bucharest

NIST was founded by former political prisoner and archaeologist Radu Ciuceanu and scholar Octavian Roske on April 13, 1993. It is the oldest Romanian institute in the totalitarian and authoritarian studies field.

NIST is a leading center in the research of forms and manifestations of totalitarianism (fascism and communism) and post-totalitarianism in Romania and the world, Cold War history and the study of authoritarianism in interwar up to recent history.

NIST comprises a research department, editorial compartment, library, photographic archive, administration and finance.

There are two research centres within the NIST: the Centre of Russian and Soviet Studies „Florin Constantiniu” since 2007, and the Centre for the Study of Totalitarian Ideologies „Hannah Arendt” since 2022.

NIST carries out and promotes interdisciplinary research. Its results are presented in monographs, studies, and national and international conferences.

NIST publishes books in special collections („Biographies”, „Debates”, „Documents”, „Dictionaries”, „Encyclopaedias”, „Memoirs”, „Synthesis”, „Studies”) and edits the academic quarterly „Totalitarianism Archives”.

The main NIST research project is „Romania 1945-1989. An Encyclopedia of the Communist Regime”, divided into several sections: repression, anti-communist resistance, history of the Romanian Communist party and the state. In addition, NIST carries out research projects on fascism and communism during interwar, Cold War studies, Gulag and the Holocaust.

The mission of the National Institute for the Study of Totalitarianism has been accomplished so far through the publication of over 100 volumes of the academic journal *Arhivele Totalitarismului/Totalitarianism Archives* and over 160 books in the collections of the NIST publishing house.

NIST encourages European scientific dialogues and promotes a collaborative European memory culture in cooperation with representative international institutions. According to this objective, in 2021, NIST partnered with the European Network of Remembrance and Solidarity in organizing the international conference Disinformation in Memory Politics: Practices and Ways of Prevention that stressed the need for intensified scholarly and professional collaboration to defend historical and current facts against the challenges of political propaganda.

In 2022, NIST continued to be involved in the European debate on the most significant events of the XXth century and partnered with ENRS, the international exhibition After the Great War. A New Europe 1918-1923 that was available to the Romanian public.

Institute of Archaeology and Art History, Cluj-Napoca



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Research staff: 16

Publications: *Ephemeris Napocensis*. <https://ephemerisnapocensis.arheologie-istoriaartei-cluj.ro/> ; *Journal of Ancient History and Archaeology* <https://jaha.org.ro/index.php/JAHA> ; *Ars Transsilvaniae*. <http://arheologie-istoriaartei-cluj.ro/arstrans.htm>

Short history

The Institute of Archaeology and Art History was organized in its current form on March 3rd, 1990, by governmental decision. The Institute continues the tradition of the interwar school of archaeology in Cluj, whose prominent representative was Acad. Constantin Daicoviciu. On May 1st, 1949, the institutes of the interwar period in Cluj were reorganized and included in a newly established Institute of History and Archaeology, whose main objective was to research the history of Romania from the beginning of time to the present, with a special focus on the history of Transylvania. The many archaeologists and historians that activated in the interwar period and the second half of the 20th century at Cluj, many of whom enjoyed international scientific recognition: Constantin Daicoviciu (1898-1973), Kurt Horedt (1914-1991), Ion Horațiu Crișan (1928-1994), Hadrian Daicoviciu (1932-1984) or Ioan Glodariu (1940-2017); contributed to the prestige of the archaeological school in Cluj. Their activity led to major contributions to the archaeological research in Transylvania, with important results in the Dacian fortresses from the Orăștiei Mountains, in the capital of Roman Dacia, at Porolissum and many other sites.

Research areas, scientific research

The Department of Archaeology, with eleven researchers, has as its main objective the archaeological and interdisciplinary research of ancient history in the Intra-Carpathian territory of Romania and its historical connections with the neighbouring areas. For this objective, the Department runs two major research programs: 1. *Contributions to the archaeology and ancient history of Transylvania in a European context. Interdisciplinary approaches*; 2. *Archaeological field research*. The first research program includes several scientific projects focused on three main themes: environment and society (organization of human habitats and territory; social and economic transformation of the landscape; exploitation, control and distribution of natural resources); community dynamics (regional and trans-regional mobility; intra- and inter-community interactions; social and demographic transformations); social and spiritual imaginary (individual and collective identities; funeral and religious practices; artistic manifestations; symbolic languages). The second major program involves a series of systematic archaeological excavations, with national or international funding. Among these, we mention the Apulum Roman Villa Project (in collaboration with the University of British Columbia in Canada; co-directors: Aurel Rustoiu and Mariana Egri) and the Porolissum excavations on the northern limes of Roman Dacia. The Department has a rich publishing activity, including two journals and several monographic series. The series *Ethnic and cultural interferences* (editors C. Cosma and A. Rustoiu) counts, at present, almost 30 volumes, many of them awarded with the Romanian Academy Award. The Department also runs a series of national and international scientific projects of excellence, involving numerous interdisciplinary studies. The didactic activity of the Department is well represented by the collaboration of its members with universities in the country and abroad. Four researchers of the Department are members of the Doctoral School of the SCOSSAR Romanian Academy.

The Department of Art History, with five researchers, specializes in medieval and pre-modern art from Romania (mainly in Transylvania) and Central-Eastern Europe. The research focuses both on the stylistic approach to the painting and architecture of these periods, as well as the iconographic and social components. Over time, the Department has participated in interdisciplinary research projects that involve the scientific investigation of works of art for the purpose of authentication and attribution. The Department has also published numerous monographic volumes and currently issues a yearly journal.

“George Barițiu” Institute of History, Cluj-Napoca



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Research staff: 40 researchers

Publications: *Anuarul Institutului de Istorie „George Barițiu” din Cluj-Napoca. Series Historica / Yearbook of “George Baritui” Institute of History in Cluj-Napoca. Series Historica* www.historica-cluj.ro

Anuarul Institutului de Istorie „George Barițiu” din Cluj-Napoca, Series Humanistica / Yearbook of “George Baritui” Institute of History in Cluj-Napoca. Series Humanistica humanistica.ro

Revista Română de Istorie Economică / Romanian Journal of Economic History www.rriejournal.ro

International Journal on Humanistic Ideology www.institutuldeistoriegeorgebaritui.ro

Short history

The “George Barițiu” Institute of History – founded on February 2, 1920 and undergoing a series of reorganizations over time – was initially named the *Institute of National History* and it functioned as an entity affiliated to the University of Cluj. As such, it is the earliest academic establishment to conduct research in the field of Historical Sciences in Romania. Its

objective has been, from the start, to investigate national history, with a focus on Transylvania and its organic connections with the other provinces inhabited by Romanians, as well as with the Central-European space in general. On May 1, 1949, the Institute got a new name, the *Institute of History and Archeology of the Romanian Academy in Cluj*. Starting with 1975, the Institute was transferred under the supervision of Babeş-Bolyai University in Cluj-Napoca until January 1990 when, as a result of a resolution voted by the Institute's General Assembly, it returned as a constituent part of the Romanian Academy.

In 2002, the Institute of History from Cluj-Napoca underwent a merger with the *Centre for Socio-Humanistic Research* and received its current name, the "George Barițiu" Institute of History of the Romanian Academy. From 1999 the Institute was granted the right to organize doctoral studies.

Scientific Research

The "George Barițiu" Institute of History is currently structured in two departments:

A. *The Department of History*, which comprises two branches: the National History Sector and the Universal History and International Relations Sector;

B. *The Socio-Humanistic Research Department* further divided into the Sector of Philosophy, Psychology and Educational Sciences and the Sector of Sociology, Economic and Legal Sciences.

The researchers of the "George Barițiu" Institute of History carry out a wide range of topics and research projects, with an emphasis on a particular aspect of fundamental research, namely the publication of corpora of documents concerning the medieval, pre-modern, modern, and contemporary history of Romania. Since its foundation, the fundamental objective of the Institute consisted of the systematic publication of historical documents – the cornerstone for reconstructing any epoch of the past and any subject matter, be it political, military, institutional, and socio-economical history, or narratives pertaining to the history of mentality and cultural-spiritual phenomena.

The main research themes put into effect within the "George Barițiu" Institute of History are part of the foreground program supported and implemented by the Romanian Academy in the field of history: the publication of documentary sources concerning the history of Romania. Thus, the Institute members elaborate the following corpora of documents: Series C. Transylvania, a sub-section of the wide-ranging compilation *Documente privind Istoria României* (DIR), currently named *Documenta Romaniae Historica* (DRH). Another important collection is represented by the series *Izvoarele răscoalei lui Horea* and *Documente privind Revoluția de la 1848-1849*. Seria C. Transylvania. The historical records of the Romanian national movement in Transylvania are included in the collection: *Mișcarea Națională a Românilor din Transilvania între 1849-1918*. Further dissemination of the Department's research results is carried out through the collection *Studii și cercetări din domeniul științelor socio-umane*. Researchers working in the fields of psychology and education sciences publish, since 2013, the collection *Cercetări în psihologie și științele educației*.

Based on its academic achievements, the "George Barițiu" Institute of History in Cluj-Napoca holds a status of excellence within the units of the Romanian Academy.

Institute of Archaeology, Iași



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Research staff: 19

Publications: *Arheologia Moldovei* (journal) www.arheologiamoldovei.ro; *Bibliotheca Archaeologica Moldaviae*, *Honoraria*, *Bibliotheca Archaeologica Iassiensis*, *Varia Archaeologica* (collections)

Short history

The first concerns of institutional organization of archaeological research in Iasi date back to 1916 when, through the care of Professor Orest Tafrali, the Museum of Antiquities of the University of Iasi was founded.

The scientific research activity within the Museum of Antiquities required the founding of an institute specialized in the field of history and archaeology. By the Decree of February 1941, the Seminary of History of the University of Iasi was transformed into the “A. D. Xenopol” Institute of Romanian History. Thanks to the efforts of Professor Alexandru Boldur, in 1943 the activity of the Institute of National History “A. D. Xenopol” was institutionalized as a separate research unit within the Ministry of National Culture and Religious Affairs. In 1964 the Institute of History and Archaeology “A. D. Xenopol” was established under the Romanian Academy. Since 1953, within the Institute had been operating the Department of Ancient History and Archaeology, coordinating until 1968 the activity of the Museum of Antiquities, which was transformed into the Museum of History of Moldavia in 1957.

In 1961 the first issue of journal *Arheologia Moldovei* was published, a representative publication for archaeological research in the region of Moldavia and beyond.

Since 1990, the Archaeology Department of the “A. D. Xenopol” Institute of History and Archaeology became the Institute of Archaeology, under the aegis of the Iași Branch of the Romanian Academy.

Scientific Research; Research Areas

The Institute of Archaeology in Iasi aims towards scientific excellence in the field of archaeology, an essential part of the research of the history of Romanian space. The fundamental research directions of the members of the Institute of Archaeology of Iași are Prehistoric archaeology, Greco-Roman classical archaeology, the Archaeology of the Geto-Dacian period, as well as well as Byzantine, Medieval and Early Modern archaeology. The nature of the research carried out within the Institute is both fundamental and exploratory in nature and is in line with the framework and strategy of the Romanian Academy.

In general, the topics addressed by the research projects and themes are interdisciplinary and multidisciplinary. The results of the research carried out by the members of the Institute contribute to the advancement of knowledge of the historical-archaeological evolution of the intra- and extra-Carpathian space, up to the Danube and the Black Sea, from the Palaeolithic to the Modern era.

Our research fellows coordinate several sites or sectors of systematic archaeological sites in Moldavia, Dobruja and Transylvania. In addition, in recent years, adapting to current realities, we have developed a department of preventive archaeological research, through which we manage to provide archaeological assistance for various infrastructure projects in eastern Romania, and thus achieve some remarkable scientific results.

Among the relevant research topics one should mention: The Palaeolithic in the area between the Dniester and the Tisa, the Cucuteni-Trypillia cultural complex with its multiple aspects, the Bronze Age and the first Iron Age in the extra-Carpathian regions of Romania, the Traco-Geto-Dacian civilization in the Carpatho-Dnestrian areas, the contacts of the Geto-Dacian population with the Greek and then Roman civilizations, the so called “free Dacians” in the East-Carpathian area, the North Danube Romanity, migration phenomena north of the Lower Danube, Byzantium and its relations with the Lower Danube area and the East Carpathian space, the genesis of the medieval city, the medieval village east of the Carpathians, the medieval ecological and agricultural landscape, economy, trade and agricultural practices in the medieval period east of the Carpathians. In addition to the above, the Institute pursue important research topics in archaeology-related sciences: archaeometry, numismatics, Greek and Roman epigraphy, phaleristics and sphragistics, archaeology, archaeolinguistics, palaeoanthropology, ethnography, cultural anthropology, etc.

“A.D. Xenopol” Institute of History, Iași



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<https://www.facebook.com/A.D.Xenopol/>

Research staff: 28 researchers

Publications: *Anuarul Institutului de Istorie “A. D. Xenopol”* (<http://adxenopol.academiaromana-is.ro/aiix.html>)

East European Journal of Diplomatic History (<https://eejdh.com/>)

Brief Historical Overview

The A.D. Xenopol Institute of History was founded in 1941, as a result of the reorganization of the Seminar for the History of the Romanians into an autonomous research center, established under the new designation of the A. D. Xenopol Institute of Romanian History, under the aegis of the Faculty of Letters and Philosophy of the University of Iași. From early on, under the academic leadership and supervision of Professor Ilie Minea (1941-1943), the Institute pursued an ambitious and intensive research agenda focusing on scholarly activities such as regular seminars and academic presentations. These events also involved, besides local historians, certain practitioners of cognate fields and disciplines, such as philology or law.

As a consequence of the educational reforms introduced in 1948, the Institute ceased to exist as a separate legal entity within the University of Iași. Instead, it was placed under the authority of the Romanian Academy. During the period 1975-1989, the “A. D. Xenopol” Institute of History and Archeology pursued its research-related activities under a dual jurisdiction, being subordinated both to the Academy of Social and Political Sciences and to the Department of History and Philosophy of the „Al. I. Cuza” University of Iași. Starting from 1990, the Institute was placed under the sole jurisdiction of the reformed Romanian Academy.

Scientific Research; Research Areas

During the Institute's three decades of research activity under the aegis and supervision of the Romanian Academy, the research results and academic achievements of the Institute's members found their reflection, among other things, in their participation in various academic events organized domestically or internationally, in the publication of a significant number of articles or studies within specialized (including peer-reviewed) periodicals published in Romania and abroad, as well as in chapters or other contributions which appeared in numerous collective edited volumes. The members of the Institute also authored over one hundred books and monographs, (co)edited a number of thematic collective volumes, documentary collections, analytical bibliographies etc.

As a sign of the recognition and appreciation of their academic achievements, research results, and growing academic reputation and status, several of the Institute's researchers became invited experts and members of certain national academic supervisory bodies and commissions (CNCSIS, CNATDCU, etc.). Some researchers have also been included and co-opted as experts and specialist members within the bilateral Romanian-Czech, Romanian-Polish, and Romanian-Ukrainian joint historical commissions. Several researchers are also members of international specialized professional organizations, e.g.: ASEEEES, the European Society for Modern Greek Studies, the International Commission for the History of Universities, the Board of the International Modernization Forum, etc.

The "A. D. Xenopol" Institute of History envisages as its mission to research Romanian history in a broad regional and European context, to reconstruct and approach the past through applying scholarly methods and strategies adequate and appropriate to the studied topics and subjects. Among the main research fields and areas of interest of the scholars working at the "A. D. Xenopol" Institute of History, one could mention the following: history of the Romanians, history of international relations, cultural history. These subjects are discussed and examined through a wide array of topics and research avenues, such as: editions of documentary sources, the evolution and development of institutions and social structures, history of elites, history of education, nationalism and the nation-state, history of ethnic and religious minorities, history of totalitarian regimes and ideologies, cultural practices and policies, etc. This wide range of themes and research topics is included within the scope of the national research programs coordinated and supervised by the Romanian Academy. The results and outcomes of these research initiatives represent a significant contribution to the evolution and accumulation of knowledge not only in the field of history, but also in other cognate and related academic fields and disciplines, such as linguistics, philology, sociology, anthropology, political science, law, etc.

“C. S. Nicolăescu-Plopșor” Institute for Studies in Social Sciences and Humanities, Craiova



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Web page: icsu.ro

Research staff: 23

Publications: *Arhivele Olteniei - Oltenia Archives*. Currently, *Arhivele Olteniei* magazine, New Series, Bucharest, Romanian Academy Press. <https://arhiveleolteniei.ro/ro>
Anuarul Institutului de Cercetări Socio-Umane “C. S. Nicolăescu-Plopșor” - The Yearbook of “C. S. Nicolăescu-Plopșor” Institute for Studies in Social Sciences and Humanities, Bucharest, Romanian Academy Press, <https://npissh.ro/ro/>

Short history

Through the decision of the Council from December 29th 1965, the Romanian Academy decided the founding, at Craiova, of the Centre for Research in History, Philology and Ethnography, under the leadership of Prof. Reader C. S. Nicolăescu-Plopșor, PhD (December 29th 1965 – May 30th 1968), corresponding member of the Romanian Academy. In February 1970, the Center for History, Philology and Ethnography passed under the guidance of A.S.S.P., with the title changed to the Center for Social Sciences, on this occasion, new fields were included in its structure: economics, sociology and philosophy. By Government Decision nr. 625 of March 8th, 1990, the Center for Social Sciences in Craiova returned to the Romanian Academy, and, in August 1994, it received the name of “C. S. Nicolăescu-Plopșor” Institute for Studies in Social Sciences and Humanities.

“C. S. Nicolăescu-Plopșor” Institute for Studies in Social Sciences and Humanities currently functions in the “N. I. Feraru House” (owner of the Verbița estate, Dolj County), a house built between 1912-1914. The building was built according to the plans of the architect from Craiova, A. Vincenz.

Research areas, scientific research

The institute is organized on the following departments: History-Archaeology; Philology-Ethnography-Philosophy. In the field of archaeology, research is aimed at the symbolic and ritualistic function of fire in prehistoric communities. In the fields of the Middle Ages, the modern and contemporary period, the research directions consider the following themes: the historical sources of the 16th-17th century literature on the Balkan space; the boyar elites and the specific architecture in Oltenia (18th-19th centuries); the modernization and the urbanization in Oltenia; the culture of memory in Oltenia; the reformation of the Romanian society: from the royal cultural campaigns to the institution of social service; the co-operative societies from rural Oltenia in the interwar period; traders and companies in Craiova (1918/1948); mythologies, realities and supply strategies in the Socialist Republic of Romania (1965-1989); ideologies, political practices and electoral processes, etc. In the field of philology, there was considered the attainment of working tools in the fields of toponymy. The research in the field of ethnography is centered on the specificity of some geographical-cultural areas in the Oltenia area, the ethnology of some traditional practices, the mentality changes in the rural universe. In the field of philosophy, two main directions have emerged: the study of basic ideas and concepts and the integration of the Romanian contributions in the European circuit.

Institute of Social Sciences and Humanities, Sibiu



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Web page: www.icsusib.ro/icsusib

Research staff: 14 researchers (including three part-time).

Publications:

„*Forschungen zur Volks- und Landeskunde*”, (<http://forschungen.icsusib.ro/forschungen>).

„*Historia Urbana*” (http://www.historiaurbana.icsusib.ro/historia_urbana).

„*Anuarul Institutului de Cercetări Socio-Umane Sibiu*” (<http://anuarul.icsusib.ro/anuarul>).

„*Studii și comunicări de etnologie*” (<http://studiisicomunicari.icsusib.ro/sce>).

Dicționarul graiurilor săsești din Transilvania / Siebenbürgisch-Sächsisches Wörterbuch (Editura Academiei Române – Böhlau Verlag Köln, Weimar, Wien), of which 11 volumes have appeared, the last in 2020 (<https://icsusib.ro/proiecte-de-cercetare/dictionarul-graiurilor-sasesti>).

Atlas istoric al orașelor din România, bilingual series in which eight volumes have been published (Sighișoara, Sebeș, Suceava, Târgoviște, Câmpulung, Siret, Brăila and Roman), the last one in 2022 (<https://icsusib.ro/proiecte-de-cercetare/atlasul-istoric-al-oraselor>).

Short history

The Institute of Social Sciences and Humanities Sibiu is a public institution founded in 1956 as a section of the Cluj Branch of the Romanian Academy. In 1970, it was renamed Sibiu Centre for Social Sciences of the Academy of Social and Political Sciences. In 1990 it was reintegrated into the Romanian Academy structure with its current name. The object of activity of the institution is research and development in the social sciences and humanities (CAEN code: 7220). The primary mission of the Institute is to carry out fundamental and applied research in the field of national history and culture, to publish works and working tools specific to the research areas officially assumed, to stimulate national and international cooperation in the field of scientific research, and to disseminate scientific results.

Research areas, scientific research

The main research directions of the Institute are the history and culture of Romanians and Germans in Romania, the interethnic relations and multiculturalism in Romania, the history of towns in Romania and, not most minor, the ethnography.

The Commission for the Towns History in Romania, subordinated to the Romanian Academy, also works with the Institute. After its foundation in 1992, Sibiu became the Romanian centre of research in urban history. As a support of research, three associations operate alongside the Institute: Association for Transylvanian Studies (the Romanian section of the Arbeitskreis für Siebenbürgische Landeskunde e.V. Heidelberg), Civitas Nostra Association - The Society for the Study of the History of Towns and The Sibiu Research Association.

“Gheorghe Șincai” Research Institute for Social Sciences and Humanities, Târgu Mureș



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Web page: www.icsumures.ro

Research staff: 13

Publications: *Anuarul Institutului de Cercetări Socio Umane „Gheorghe Șincai”*, <http://www.icsumures.ro/anuar.html>

Short history

“Gheorghe Șincai” Research Institute for Social Sciences and Humanities in Târgu Mureș was founded in 1957. In the 1950s it was dedicated to studying the history of Southeastern Transylvania. Today the institute is an important research center for the history of Romanian culture and civilization in its dialogue with main European historical developments. The institute went through successive name changes in the 1960s (1967 - Center for the History, Philology and Art History, 1970 Center for Social Sciences). The center then became part of the network of research institutes patronized by the Academy for Social and Political Sciences and therefore some of its research themes were on ideology and propaganda of the communist regime.

After the fall of the regime in 1989, the Center for Social Sciences returned under the authority of the Romanian Academy and became the “Gheorghe Șincai” Research Institute for Social Sciences and Humanities.

Among the notable contributions to Romanian and European historiography were the restoration of the academic path of almost 30000 young Transylvanians who, beginning with the 13th century until 1919 attended higher education establishments in Europe.

The researchers of the institute published over 190 volumes, twelve of which received awards from the Romanian Academy.

Scientific Research; Research Areas

“Gheorghe Șincai” Research Institute for Social Sciences and Humanities hosts diverse avenues of research, that are poignant and current, creating the premises for a ongoing dialogue with European historiography. In the last years researchers have focused primarily on religious history (church history), cultural history and the history of political ideologies. Thus articles, books, and research projects were dedicated to the right-wing ideology in the interwar period, the communist regime and its impact on the overall society, the mechanism of the relationship between state and church in the 19th and 20th century, the history of ethnic and religious minorities from the 17th to the 20th centuries. The literary historians in the institute focused thematically on subjects like the literary exile, cultural history, and the analysis of literary works.

Between 2020 and 2023 the researchers of the institute were engaged into a common project: Between tradition and modernity: the Romanian elites in the short century (1918-1989). This is complex research overviewing a troubled century complicated by two wars, the redesign of the complex political environment of East Central Europe, the fall of the empires and the birth of the national states. Relying on the experience of our researchers and their particular training in history and literary studies the project tackles the history of intellectual elites during Romanian fascism and communism with a focus on survival strategies during totalitarian regimes.

Currently, the institute hosts a separate project financed by the Romanian Executive Branch for Financing the Higher Education (UEFISCDI) The Ethos of Dialogue and Education: Romanian - American Cultural Negotiations (1920-1940) that examines instances of both successful and unsuccessful Romanian - American formative cultural and educational negotiations, beyond interpretations of unilateral transfers from the center, as the United States and the marginal Other, as Romania. It discusses the consequences of political and diplomatic debates during the interwar period.

“Gheorghe Șincai” Institute’s yearbook (Anuarul Institutului de Cercetări Socio-Umane „Gheorghe Șincai”) publishes valuable research articles of the institute’s researchers and collaborators and is currently in three international databases (ERIH+, EBSCO, CEEOL).

The fundamental research dedicated to the national culture and history makes the “Gheorghe Șincai” Institute a scientific authority in the Romanian historiographical environment pursuing the noble mission of the Romanian Academy.

The “Bukovina” National Institute, Rădăuți



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Web page: institutulbucovina.ro/web

Research staff: 9

Publications: „*Analele Bucovinei*”, <http://analelebucovinei.ro>.

Short history

The “Bukovina” National Institute of the Romanian Academy, established in 1992 as “The Centre for the Study of the Problems of Bukovina”, reorganized as an institute by GD 102 on January 31, 2007, is an institution of fundamental and advanced research. The object of this institute is the elaboration of studies and researches on the history and culture of Bukovina through its own history, literature, folklore and natural science departments, as well as through the development of internal and international partnership and collaboration. The Institute has been publishing the “Annals of Bukovina” / “Analele Bucovinei” magazine since 1994, publishing scientific papers in the Encyclopaedia of Bukovina in Studies and Monographs collection (since 1996) and organizing scientific events, seminars, conferences etc., as well as exhibitions of books, periodicals, photographs and documents on Bukovina’s history and culture. The “Bukovina” Institute develops research projects in collaboration with internal and external partners such as the Bukovina-Institute in Augsburg/Germany, the History Institute of the Academy of Sciences of the Republic of Moldova, the “A. D. Xenopol” Institute of Iasi/Romania, the “Yurii Fedkovych” University of Chernivtsi/Ukraine, the “Ștefan cel Mare” University of Suceava/Romania etc.

Scientific Research; Research Areas

With the aim of deepening and expanding scientific research on Bukovina, the “Bucovina” Institute carries out multi-year scientific research projects within two major programmes: Documenta Bucovinae Historica and Bukovina and Bukovinians in History. These projects focus on the following main thematic directions: 1) Politics and national emancipation in Bukovina (1775–1918); 2) Characteristics of the process of reintegration of the province into the Romanian ethno-cultural space; 3) The process of comunization of Bukovina; Economic, social-political and population consequences; 4) Bukovinians and the creative exile; 5) Evolution and peculiarities of the literary phenomenon in historical Bukovina; 6) Problems of the press in historical Bukovina from the beginning to the present; 7) Old families from Bukovina. Memory and genealogical consciousness; 8) Characteristics of ethno-folkloric areas in Bukovina; 9) Natural reserves in Bukovina; 10) History of geological research and resource exploitation in Bukovina. Other research directions of the history of Bukovina are: ethno-demographic developments that influenced the society of Bukovina from the end of the 18th century to the 20th century (by researching population censuses or marital status documents); the destiny of the great Bukovinian noble families (Capri, Flondor, Hurmuzaki, Mustață, Petrino, Stârcea, Vasilco etc.), in close connection with another important theme, that of the Bukovinian elite; the problem of the institutional, political, social-economic and cultural modernisation of the Bukovinian society; research into the Bukovinian press as a form of modernity and its role in the formation of the Bukovinian public opinion. The institute edits the biannual publication “Analele Bucovinei”, which is published by the Romanian Academy Publishing House, where studies, articles, documentaries, event reports and book reviews are published on a variety of topics concerning the history of Bukovina. During its 29 years of uninterrupted publication, the periodical has established itself in the national and international scientific life, bringing into circulation lesser known or controversial subjects concerning the history of the province and proposing new directions of research. The journal is indexed in the CEEOL (since 2018) and BDD (since 2022) databases. 52 reference works on the history and culture of Bukovina have been published so far in the “Encyclopaedia of Bukovina in studies and monographs” collection, founded in 1996. Every year the institute organizes international scientific conferences and its own internal colloquia, on topics determined by its research themes and projects, as well as by the important cultural events of the year. Following the directions of activity established at its foundation, the “Bucovina” Institute has established itself in the academic scientific life through systematic research on the historical Bukovina, the results of which are used in scientific publications in the country and abroad, in the publication “Annals of Bukovina”, in the works published in the collection “Encyclopaedia of Bukovina in studies and monographs” or at national and international scientific meetings.

Centre for European History and Civilization, Iași



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Research staff: 7

Publications: *EUROPA XXI*

Short history

The Centre for European History and Civilization (CICE) was set up within the Romanian Academy - Iași Branch in 1992, at the initiative of a group of researchers from the Institute of Archaeology and the „A.D. Xenopol” Institute of History. The personality who decisively marked the moment of its foundation, as well as the long-term orientations of the research programmes carried out within the Centre was its founding director, the renowned contemporary historian Gheorghe Buzatu (1939-2013). In its 30 years of existence, the has had two managers/coordinators (Gheorghe Buzatu, from 1992 to 2002 and Stela Cheptea, from 2002 to the present), as well as three scientific registrars: Valeriu Florin Dobrinescu (1992-1995), Stela Cheptea (1995-2002) and Ștefan Sorin Gorovei (2003 to present).

Scientific Research; Research Areas

The priority scientific objectives of the CICE are: national and universal history; genealogy; medieval archaeology; the role and place of Romanians in world history; historiography. Since its foundation, the CICE has published the collection “Românii în Istoria Universală” („Romanians in Universal History”) (442 volumes published so far) and the annual journal „Europa XXI” (12 issues published so far).

As its own documentation base, the CICE has a specialised library which comes from various sources: purchases; its own publications; internal and external exchanges of books and journals; donations from the personal libraries of some historians (PhD Prof. D. Ciurea, PhD Prof. Alexandru Andronic, PhD Prof. Vasile Neamțu, PhD Faust Brădescu). The many rarities that come from these donations make the CICE library particularly interesting.

Since its foundation, the CICE has been mentioned in the international guide of research institutes and centres or universities, published annually in London by Europa Publications Ltd. („The World of Learning”). It has carried out scientific activities in collaboration with many prestigious institutions all over the country.

At the moment, four research programmes (scheduled to run until 2027) are being carried out at the CICE, as follows: „Evolution/involution of the medieval city based on archaeological documents corroborated with written sources” (Stela Cheptea, Andrei Mocanu); „Forms and manifestations of power” (Ștefan Sorin Gorovei, Maria Magdalena Székely); „Evolution/involution of the medieval city based on archaeological documents corroborated with written sources” (Bobi Apăvăloaei); „History of Romanians in the European context, 1918-2000” (Corneliu Ciucanu, Florian Bichir, Silviu Moldovan).

In recent years, the research on Romanians in countries neighbouring or geographically close to Romania has become of great interest to the CICE, resulting in publications, papers and conferences on this topic. Both by its geographical position, at the edge (not at the „periphery”) of the European Union and of the „Western world”, but also in the proximity of several historical regions where there is a large Romanian population, and by the experience already accumulated, the CICE can become a real point of convergence of scientific efforts, but also of the accumulation of documents and artefacts illustrating the historical memory of the Romanians around Romania.

A special effort (which, by the way, continues, through various archival and bibliographical investigations) had been dedicated, in 2018-2020, to the Centenary of the Great Union, a symbolic moment with which the CICE researchers had the privilege of being contemporaries. To this end, conferences have been organised, communications and lectures have been given, volumes have been published.

Through all its activities, the Centre for European History and Civilisation is part of the research strategy of the Romanian Academy, as well as of the efforts for a fruitful dialogue with the civil society.

Center for Transylvanian Studies, Cluj-Napoca



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Research staff: 8 researchers

Publications: *Transylvanian Review*

Short history

The Center for Transylvanian Studies is a research institute of the Romanian Academy. It has its roots in the prestigious Center for Studies and Research on Transylvania which functioned in the interwar period at the University of Cluj, until it was abolished by the communist regime in 1948. In 1991, the Centre was reactivated as the Cluj-Napoca department of the Romanian Cultural Foundation, then headed by the writer Augustin Buzura. In 2008, the Center became an institute of the Romanian Academy, in order to be included in an environment better suited to its profile and mission. In over 30 years since its reinstatement, the Center carried out a rich activity, performing high quality research in topics on the history and culture of Transylvania, publishing the *Transylvanian Review* (a Clarivate and Scopus indexed journal) and hundreds of books, most of them in foreign languages. The Center also organised dozens of national and international conferences, attended by some of the most important names in Romanian and Western historical research. The Center was also involved in various forms of support for the Romanian history teachers of communities from historical diaspora and reached out to the national and local community with popularizing events.

Scientific Research; Research Areas

The Center for Transylvanian Studies performs research activities on topics pertaining to social history, history of minorities, cultural history, history of mentalities, etc., from the Middle Ages to present, focusing mainly on Transylvania but also including larger backgrounds. The Center initiates, organises and carries out scientific research programmes in the field of Romanian history, with special reference to the history of Transylvania, focusing on topics

such as the ethno-demographic structures in this region from the Middle Ages to the present, interethnic relations from a historical perspective, the complex social and political realities of the Middle Ages etc. The research performed by the Center is highly interdisciplinary, using information, methods and approaches from other sciences. The Center also takes part in developing research tools (in print and/or electronic form) on the history of Transylvania, which can be used both at home and abroad (summaries, bibliographies and thematic albums etc.); within such projects, the Center partners with other Academy institutes to realize fundamental works regarding various sources for Romanian history.

The journal published by the Center, "Transylvanian Review", has very good international visibility, in libraries or as an electronic resource, being included in prestigious international databases: Clarivate (ISI), SCOPUS, EBSCO, CEEOL, ERIH Plus. The journal aims to highlight the research of historians, ethnologists, sociologists, linguists mainly focused on Transylvanian as an organic part of Romania. Transylvania, as a Romanian province, has been and still is the focus of numerous ongoing historiographical interests. The journal emphasizes its many aspects: historical, artistic, cultural, etc.

The Center has also an editorial department that publishes works on the history and culture of Romania in general and Transylvania in particular. The books and monographs appear either as stand-alones or as part of collections such as "Bibliotheca Rerum Transilvaniae" - books on the history, culture and civilisation of Transylvania; "People who were" - books dedicated to Romanian cultural personalities of the past; "Documenta" - collections of documents relevant to the history of Romania and Transylvania.

The Center also strives to reach the broader community, beyond the circle of specialists. To that end, it organizes events dedicated especially to the youth (essays contests, marathon meetings between highschool and university students and researchers etc.). The Center also supports the Romanian historians from Romanian communities in the countries around Romania – Hungary, Moldova, Serbia, Ukraine (the so-called historical diaspora). This collaboration has taken various forms: involvement in joint research projects, summer schools etc.





Section of Mathematical Sciences

The Astronomical Institute of the Romanian Academy, Bucharest

Cluj-Napoca Observatory

Timișoara Observatory

“Tiberiu Popoviciu” Institute of Numerical Analysis, Cluj-Napoca

“Simion Stoilow” Institute of Mathematics, Bucharest

“Octav Mayer” Institute of Mathematics, Iași

“Gheorghe Mihoc – Caius Iacob” Institute of Mathematical Statistics
and Applied Mathematics, Bucharest

The Astronomical Institute of the Romanian Academy, Bucharest



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Research staff: 27

Publications: *Romanian Astronomical Journal, Anuarul Astronomic (Yearly Book of Ephemerides)*

Short history

The Astronomical Institute of the Romanian Academy (A.I.R.A.) was born in 1990, when the astronomical research became one topic, unifying three observatories in Romania: Bucharest Observatory (built in 1908), Cluj Observatory (built in 1934, and 1976 the Feleacu Station) and Timișoara Observatory (built in 1962).

Since 2018 the new astronomical station of General Berthelot, in Hațeg county, is owned and operated by A.I.R.A.. Thus, the history of academic astronomy is more than a century old in Romania. A.I.R.A. has a long tradition in the past for the determination of Bucharest meridian, the local hour in Bucharest and over Romania, the observations of planets and the Solar System bodies, the sunspot patrol of the Sun, variability of stars and calculus of angular astrophysical distances and astrometric positions of stars and galaxies. Romanian astronomy is historically related to important scientists like Spiru Haret, Nicolae Coculescu, Gheorghe Demetrescu, Gheorghe Bratu, Ioan Armeanca, Ella Marcus, Cornelia Cristescu, Gheorghe Chiș, Ioan Todoran, Ioan Curea, Călin Popovici.

Research areas, scientific research

Astronomers of A.I.R.A. are involved in four main topics, namely: i) Solar, stellar, galactic and extragalactic astrophysics and cosmology, ii) Astrometry, celestial mechanics and planetology; iii) Education and history of astronomy, including archeoastronomy; and iv) Applications in space sciences.

Expertise of A.I.R.A. is also related to formal education in college and high school, and also to formation of master and PhD students.

A.I.R.A. is unique into the Romanian research by its expertise in fundamental astronomy, celestial mechanics and computing the ephemerides, optical, near-infrared and radio observations of celestial bodies, solar physics, stellar and galactic evolution, variability of astronomical objects. The observational and theoretical studies on artificial satellites began immediately after the launch of the first artificial satellite in 1957. During the last two decades this topic has been resumed relying on modern observational instrumentation. Furthermore, the investigation of the space debris in Earth neighborhood was also included as topic of A.I.R.A. research activities.

Observational astronomy is developed by means of optical telescopes owned by A.I.R.A. and installed in Bucharest, Feleacu Station (near Cluj-Napoca), and General Berthelot (in Hațeg county). A.I.R.A. operates a network of allsky cameras for the detection of transients such as the meteors. Astronomers are also used medium and large facilities located in France, Spain (Canarias Islands) Chile and Hawaii. Most of the time these large telescopes are accessible remotely, from Bucharest.

A.I.R.A. is involved in collaborations with institutes of the Romanian Academy, other Romanian national institutes, and astronomical institutes in Europe and Worldwide, including projects led by the European Space Agency and the European Union programs.

Besides A.I.R.A.'s strong contribution to fundamental worldwide research in astronomy and astrophysics, another important component and mission of our scientific park is education. This is addressed to a public of all ages and educational backgrounds and aims to seed the scientific curiosity regarding astronomy and the related sciences, right in the hearts and minds of our visitors, and especially in those of the young ones. Subordinated to this educational role, lay all the administrative actions undertaken by A.I.R.A. in order to preserve and promote our scientific historical patrimony in Bucharest, Cluj-Napoca, and Timișoara.



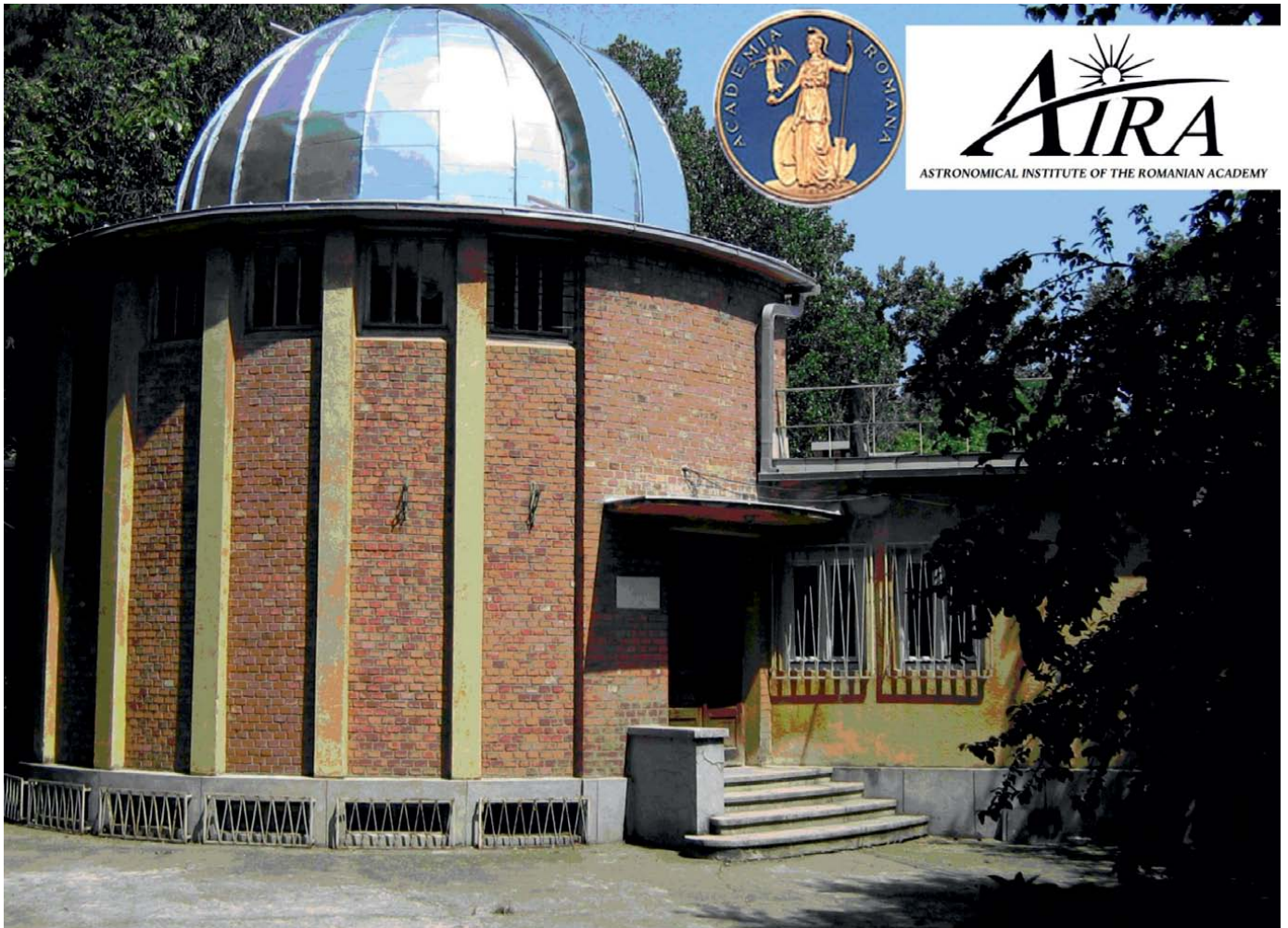
Cluj-Napoca Observatory

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The Cluj-Napoca Astronomical Observatory, being a significant part of the Astronomical Institute of the Romanian Academy, is an important landmark in scientific research in astronomy and related fields, for Cluj-Napoca, Transylvania and for the whole country. The Cluj-Napoca Astronomical Observatory contributes at the European and international level to the development of a human civilization based on knowledge.

The research fields are stellar physics, celestial mechanics, astrometry of natural and artificial celestial objects, cosmology, and archaeoastronomy. The team is also involved in the field of university and pre-university astronomical education. The staff is composed by researchers and professors.



Timișoara Observatory

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The Astronomical Observatory in Timisoara carries out observational research and modeling of the transfer of solar radiation through the atmosphere, studies of solar activity and solar energy that have been published in prestigious national and international journals. The scientific activities are carried out within a multidisciplinary team that includes mathematicians, physicists, and engineers, professors from the universities of Timisoara. An important component of the scientific activity is dedicated to astronomical education.

“Tiberiu Popoviciu”
Institute of Numerical Analysis, Cluj-Napoca



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Research staff: 14

Publications: *Journal of Numerical Analysis and Approximation Theory*, (indexed by Scopus), www.ictp.acad.ro/jnaat

Short history

“Tiberiu Popoviciu” Institute of Numerical Analysis (Institutul de Calcul “Tiberiu Popoviciu” - ICTP) was established by the Romanian Academy in 1951, having as initial mission the fundamental research in Numerical Analysis and Approximation Theory. In 1957, its mission was enlarged, comprising the construction of electronic computers. Here it was constructed the first computer with transistors and RAM (DACICC-1, 1963) from Romania, and then the first computer with operating system and compiler (DACICC-200, 1968). Acad. Tiberiu Popoviciu, the founder and head of the Institute, may therefore be considered as one of the computer pioneers from Romania.

In 1975, the communist regime dissolved the mathematical institutes of the Romanian Academy. ICTP kept six mathematicians who worked under the Babeş-Bolyai University. In 1990, ICTP came back to the Romanian Academy, and started a period of development.

Research areas, scientific research

The Institute performs fundamental research in Numerical Analysis, Numerical Modeling and Mathematical Modeling.

The results obtained here were published in some of the most important journals in these fields: *SIAM Rev.*, *SIAM J. Numer. Anal.*, *Numer. Math.*, *J. Math. Pures Appl.*, *J. Comp. Phys.*, *Math. Comp.* as well as in the journals *Adv. Water Res.*, *Water Resources Res.*, *Phys. Rev. E*, *AIMS Math.*, and others.

The Institute has some Ph.D. supervisors, one of them - who has obtained the habilitation title in 2013, at the Erlangen-Nuernberg University - has supervised a PhD thesis at Jena University, Germany.

The articles published by the researchers of the Institute usually contain numerical examples, some of them highly elaborated. The Institute had an important Cooperation Agreement (TTB/Z1015.05.04) with Forschungszentrum Jülich, Germany (2004-2012, 2012-2017), which allowed the ICTP members to access the supercomputers of Forschungszentrum Jülich, and to realize important numerical applications.

The members of the Institute have obtained different grants, and at present they are in a process of establishing cooperation with private institutes and IT firms.

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Research staff: 107 researchers

Publications: *IMAR Preprint Series*,
www.imar.ro/~increst/Preprints.html

Short history

The first academic institute devoted to mathematical research has appeared in Romania through the establishment in 1949 of the Institute of Mathematics of the Romanian Academy. It has continued to function uninterruptedly since then, although its precise administrative form has been subject to political changes. The current form has been founded in 1990, by a Government Decision, as an institution subordinated to the Romanian Academy, the Institute of Mathematics of the Romanian Academy (IMAR). The institute has been given the name of its founder, the famous Romanian mathematician Simion Stoilow, in 1999. During its over seventy years of activity, most of the leading Romanian mathematicians were members or associated in some form to this research unit. The main purpose of the institute has always been to represent a center of excellence in mathematical sciences, at the national as well as the international level.

Research areas, scientific research

The research activity at IMAR covers a broad area of mathematical sciences and it is developed through nine research research groups, in traditional areas of pure mathematics as well as in more recent domains with extensive applicability.

These groups are the following:

- **Algebra**
- **Algebraic Geometry**
- **Complex Analysis and Potential Theory**
- **Computational Learning and Visual Perception**
- **Differential Equations and Optimal Control; Mathematical Physics and Partial Differential Equations**
- **Differential Geometry and Algebraic Topology**
- **Functional Analysis; Operator Theory and Operator Algebras**
- **Mathematical modelling, functional and numerical methods**
- **Number Theory and Computational Methods**

Each group comprises senior researchers as well as young researchers at master, PhD or postdoctoral level, and organizes at least one weekly seminar. Members of the research groups are expected to publish regularly in the highest quality international mathematical journals. Besides more than one hundred researchers with permanent positions, a number of temporary research positions are supported by national research grants.

The institute has permanent collaborations with many universities from Romania and with different important research centers from abroad (Europe, USA, Japan). Due to its integration in various European research networks, in the last two decades it has acquired a definite status as a center of international cooperation and advanced research training. This has been formally recognized in 2022, when IMAR has been elected as a member of ERCOM, a Committee of the European Mathematical Society that groups the principal research centers in Europe.

The Institute organizes regularly international conferences with a large audience. It publishes (in cooperation) three main Romanian mathematical journals: *Journal of Operator Theory*, *Mathematical Reports*, and *Revue Roumaine de Mathématiques Pures et Appliquées*.

“Octav Mayer” Institute of Mathematics, Iași

The Octav Mayer Institute of Mathematics is a public research institution subordinated to the Romanian Academy, the Iași Branch.



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Research staff: 18 members

Short history

The foundation of the Institute in 1948 represented an essential moment for the further development of the Mathematics in Iași.

The mission of the Institute is to conduct research activities in fundamental areas of Mathematics and Applied Mathematics, to develop scientific collaborations with other institutes and universities and thus to contribute to the development of the Romanian mathematical school and the increase of its international visibility and recognition.

Over time, renowned scientific personalities: researchers, professors, members of the Romanian Academy initiated and developed important research directions at the Octav Mayer Institute of Mathematics. We mention some of them: Al.Myller, O. Mayer, C. Popovici, S. Sanielevici, D. Mangeron, G. Vrânceanu, Gr. Moisil, M. Haimovici, C. Corduneanu, R. Miron, C. Ursescu, D. Ieșan, V.Barbu, C. Zălinescu, A. Rășcanu.

Research areas, scientific research

At present the research activity at the Institute is divided into three major research directions with various specific themes that address both the theoretical aspects and the applications of Mathematics:

- **Deterministic and Stochastic Differential Equations. Control Theory**

(Nonlinear Fokker-Planck and McKean-Vlasov equations, Analysis, control and stabilization of reaction-diffusion systems, Analysis and control of population dynamics models, Time optimal control problems, Observability estimates and control, Regularity and homogenization for elliptic problems, Controllability and approximation of fluid dynamics equations, Inverse problems, Stochastic partial differential equations and control, applications in finance, etc.)

- **Mathematical Analysis. Optimization Theory**

(Optimality conditions and applications, Generalized differentiability for optimization with sets, Vector optimization, Vector integration and applications in economy, etc.)

- **Theoretical Mechanics. Continuum Mechanics**

(Thermoelastic porous media, Nonlinear elasticity, Materials with microstructure, etc.).

The members of the Institute publish their research results in important international scientific journals. The number of citations of their works show a high level of visibility in the international scientific community.

The Institute is also involved, in collaboration with other Romanian universities and research institutes, in the organization of conferences, workshops, etc.

Attention is paid also to the participation in research project competitions. At present two UEFISCDI/PN-III-P4-PCE projects are carried out in the Institute.

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Research Staff: 38 researchers

Short history

Gheorghe Mihoc-Caius Iacob Institute of Mathematical Statistics and Applied Mathematics of the Romanian Academy (abbreviated as ISMMA) was founded by the Romanian Government Decision no. 1366 / 27 December 2001.

The belief that mathematics must approach real life problems and relate to physics, economics, or biology has determined that research in applied mathematics should take place within an institutional framework.

The institutionalization of applied mathematics research in Romania, in the sense that applied mathematics is a branch of mathematics that deals with the study of mathematical models and techniques that can be used to apply mathematical knowledge to other scientific and technical fields, begun in 1991 with the foundation of the Institute of Applied Mathematics of the Romanian Academy. In 2001, the latter merged with Gheorghe Mihoc Centre for Mathematical Statistics – at that time, yet another research unit subordinated to the Romanian Academy.

Research areas, scientific research

The current research carried out at ISMMA focuses on three main programmes that, at the same time, define the research teams within the institute: (1) partial differential equations (PDEs) and applications to sciences; (2) optimization and inference statistical models; and (3) stochastic dependence and limit theorems.

(1) Research activities carried out within these programmes are mainly focused on the study of nonlinear PDEs and differential systems, and statistical models that describe physical processes motivated by the current presence of mathematics in other sciences through interdisciplinary research. The purpose of these research activities is to study, by using advanced mathematical techniques, mathematical models based on (partial) differential equations, probability, and statistics to obtain fundamental theoretical results and, at the same time, to provide interpretations of the evolution or behaviour of the solutions to these models. Theoretical research, including the derivation of new mathematical models, is related to applications, especially to environmental sciences, biology, medicine, economy, and engineering, e.g., diffusion in porous media, problems with free boundary, phase transitions, reaction-diffusion processes, population dynamics, epidemics, cell membranes, fluid dynamics, problems in continuum mechanics. The research activities carried out at ISMMA are concerned with the study of the existence, uniqueness, regularity, asymptotic behaviour, and attractors for nonlinear PDE systems (hyperbolic, parabolic, elliptic) in functional spaces (mainly in the deterministic case, however stochastic effects are also considered, optimal control, controllability, stabilization, inverse problems, and optimization of systems of equations modelling real-world phenomena. The derivation of numerical methods and iterative algorithms for the accurate, convergent, stable, and efficient approximation of the solutions to direct and inverse problems for deterministic and stochastic models in the mechanics of continuous media, solid-fluid interaction, engineering, environment, biology, etc., as well as their efficient and robust implementation are also investigated.

(2) It should be mentioned that efforts to overcome the assumption of independence of random variables have existed for over a century. From an analytical point of view, finding the distribution function of a d -dimensional random vector and the stationary distribution of a d -dimensional Markov chain, or, more generally, determining the stationary distribution in the case of a Markov chain of order k are still being unsolved and hence of interest. The current research carried out accounts for both asymptotic results based on limit theorems and exact results. Monte Carlo methods for the study of polymers, multidimensional distributions, stochastic dependence, stochastic geometry, special problems of metric theory of various real number representation algorithms, large deviations in Markov processes and fragmentation processes, and convergence of empirical distributions are investigated by employing probability, statistics, and functional analysis techniques.

(3) New statistical inference models and data analysis using measures of entropy and divergence, as well as novel methods of linear and nonlinear optimization, variational inequalities, and equilibrium problems, with applications in engineering, information theory, economics, biology, medicine, demography, finance, actuarial science, energy, agriculture, and management, are also investigated and developed.





Section of Physical Sciences

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Research staff: 5

Short history

The Institute of Physics of the Romanian Academy was established in 1949. Its founding father, Acad. Prof. Horia Hulubei (PhD in Paris under Nobel Prize winner Jean Perrin) is a world famous scientist for his outstanding results in various areas of physics, including of radioactivity, X-ray spectroscopy and atomic and nuclear physics.



In 1956, the Institute of Physics of the Romanian Academy, splits according to a political decision into an Institute of Atomic Physics (IFA), located at Măgurele and the Bucharest Institute of Physics (IFB), based initially at the Faculty of Physics in the old edifice of the Bucharest University, and later in a building at 114 Calea Victoriei Street. The head of this Institute, Acad. Prof. Eugen Bădărău, former Professor at Sankt Petersburg and Cernautzi Universities, was a promoter of Romanian school of physics, being actively implied in the electrical discharges in gases and plasma studies.

At the present, the Center for Advanced Studies in Physics in Bucharest, established in 1999, is a research group in Simion Stoilow Institute of Mathematics and function under the direction of the Section of Physical Sciences of the Romanian Academy.

Research areas, scientific research

The Main Research directions of the Center for Advances Studies in Physics are:

- Physics of Advanced Materials, a combination of applied and fundamental research in Experimental Physics, research direction initiated by the dr. Rodica Mănăila and dr. Vladimir Țopa, corresponding members of the Romanian Academy. This topic has been diversified by the former President of the Romanian Academy, acad. Ionel –Valentin Vlad in the fields of Nonlinear Optics, Nanophotonics, optical information processing, holography and imaging. At the present, the Center research program is oriented towards studies of Solid State Quantum Electronics and Photonics under the coordination of acad. Voicu Lupei.
- Nuclear Physics, Nuclear Structure, Heavy Particle Radioactivity and Physics of Open Quantum Systems, with applications to basic phenomena in Quantum optics and Nuclear Physics. This research topics have been initiated by acad. Aureliu Emil Săndulescu and are currently continued by dr. Dorel Bucurescu, corresponding member of the Romanian Academy and dr. Eliade Ștefănescu.

Another research program initiated and coordinated by acad. Cornel Hațegan is oriented towards studies of Nuclear Reactions, in particular Nuclear Astrophysics, as interdisciplinary part of both nuclear physics and astrophysics.





Section of Chemical Sciences

“Ilie Murgulescu” Institute of Physical Chemistry, Bucharest

“Petru Poni” Institute of Macromolecular Chemistry, Iași

“Coriolan Drăgulescu” Institute of Chemistry, Timișoara

“C. D. Nenitzescu” Institute of Organic and Supramolecular Chemistry,
Bucharest

“Ilie Murgulescu” Institute of Physical Chemistry, Bucharest



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Research staff: 122

Publications: *Revue Roumaine de Chimie*, <https://revroum.lew.ro/>

Short history

The Institute of Physical Chemistry was founded by Academician Ilie Murgulescu in 1963, as a result of splitting of the former Chemical Research Center of the Romanian Academy. Outstanding personality of the Romanian chemistry, Professor Murgulescu is also the founder of the modern school of physical chemistry at the University of Bucharest. He devised the main research directions in physical chemistry and set up the structural framework of the Institute of Physical Chemistry, developed under his direction (1963 - 1977).

The Institute of Physical Chemistry “Ilie Murgulescu” (Institutul de Chimie Fizică “Ilie Murgulescu”, ICF) of the Romanian Academy with a tradition of over 59 years, ranks among the top profile institutes in the country. In 2013, on the occasion of the 50th anniversary of the establishment of the “Ilie Murgulescu” Institute of Physical Chemistry of the Romanian Academy, as a sign of recognition and appreciation for the research and exceptional scientific results obtained in the institute’s laboratories, the President of Romania Traian Băsescu conferred the Order “Cultural Merit” in the rank of Commander, Category H, “Scientific Research” to the Institute of Physical Chemistry “Ilie Murgulescu” of the Romanian Academy.

Research areas, scientific research

The ICF has a long tradition in fundamental and applied research in the field of physical chemistry, inorganic and coordination chemistry, and materials science.

The organizational research structure of the “Ilie Murgulescu” Institute of Physical Chemistry of the Romanian Academy consist of 8 laboratories:

Laboratory 1: Quantum Chemistry and Molecular Structure

Laboratory 2: Chemical Thermodynamics

Laboratory 3: Chemical Kinetics

Laboratory 4: Surface Chemistry and Catalysis

Laboratory 5: Electrochemistry and Corrosion

Laboratory 6: Oxide Compounds and Materials Science

Laboratory 7: Colloid Chemistry

Laboratory 8: Coordination and Supramolecular Chemistry

The researchers of the 8 laboratories contribute to the scientific activity carried out in 7 research programs, with 24 projects and 66 research themes associated. The Institute’s research programs have been periodically reconsidered and at the present are the following:

P1. Thermodynamics and Chemical Kinetics. Quantum Chemistry

P2. Catalytic materials and processes

P3. Electrode processes, Corrosion and Materials for Electrochemical Systems

P4. Materials science and advanced characterization methods

P5. Complex Functional Colloids

P6. Biomedical and environmental applications

P7. Science of surfaces and thin layers

In the “Ilie Murgulescu” Institute of Physical Chemistry of the Romanian Academy an important interest of the researchers are development, dissemination and valorization of knowledge and results obtained through fundamental and applied research in various areas of national and international interest. Therefore, researchers participate on national and international projects, collaborate with numerous national and international institutes and universities, participate on various conferences, symposiums and seminars.

The institute organizes PhD programs in various fields of chemistry and physical chemistry: quantum chemistry and molecular structure, chemical thermodynamics and kinetics, electrochemistry and corrosion, colloid and surface science, material science and catalysis.

The “Ilie Murgulescu” Institute of Physical Chemistry has a diversified research infrastructure that allows researchers, postdoctoral fellows, PhD students, and students in practice in the Institute to carry out a whole range of studies necessary for research activities.

The related equipment and techniques available to the institute are detailed on the page <https://www.icf.ro/Services/erris.html>.

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Research staff: ~200

Publications: *Cellulose Chemistry and Technology*, <https://www.cellulosechemtechnol.ro/>

Short history

Petru Poni Institute of Macromolecular Chemistry (Institutul de Chimie Macromoleculară Petru Poni, ICMPP) is an Institute of excellence of the Romanian Academy. Mentioned first as the Institute of Chemistry, a unit of the Iasi Branch of the Romanian Academy since 1948, in 1950 the institute's headquarters was established in the Copou Hill. The current building of the institute was designed and built between 1950 and 1972, when the institute takes the name of the well-known scientist, Petru Poni. The first years of Institute research activity were characterized by numerous research subjects, with pioneering works in coordination and polymer chemistry, vegetal cancer and life origins. In 1974 Acad. Cristofor I. Simionescu proposed the actual name of the institute and the orientation of its scientific topics towards the macromolecular chemistry. Nowadays, the main mission of ICMPP consists in the accumulation, dissemination and valorization of knowledge obtained through fundamental and applied research in areas of national, European and international interest. To achieve the excellence in research, the strategic objectives aim at performance in human resource education and specialization (PhD/postdoctoral) or are oriented towards the application of scientific results through the transfer of knowledge and technologies and to provide services and consultancy for traders.

Research areas, scientific research

The 2021-2027 ICMPP research program, MACROMOLECULAR COMPOUNDS AND ADVANCED POLYMER MATERIALS, aims the consolidation of scientific and technical competences in areas of strategic importance for the development of ICMPP, by correlating and coordinating the activities and resources within the institute and capitalizing on these competences through research results offered to the scientific, economic and social environment.

The research program is structured in nine Subprograms, carried out through the collaboration of research groups within the ICMPP: (1) Bio-inspired supramolecular structures and advanced materials with applications in emerging technologies; (2) Synthesis of monomers and polymers by chemical and photochemical methods. Materials for eco- and bio-applications; (3) Heterochain/heterocyclic structures. Synthesis, characterization, applications for life quality improvement; (4) Synthetic and natural ionic polymers. Multifunctional composite materials; (5) Natural/synthetic polymers for bioactive, biocompatible, biomimetic materials; (6) Element-organic polymers, metal complexes and organic/inorganic materials; (7) Polymer architectures for applications in opto-electronics and energy; (8) Physical chemistry of multicomponent materials in solution and in solid phase; (9) Characterization vs. Synthesis. Holistic approach in the study of polymer materials.

InoMatPol is the project through which the ICMPP became a pole of science and technology by opening new research directions and diversifying the range of research services oriented especially to industry, adapted to the innovation requirements of traders within the cluster type structures. The large-scale initiative proposed the development of an interdisciplinary pole of intelligent specialization on eco-nano-technologies and advanced materials. This project led to the consolidation of a large and modern research infrastructure located in the North-East Region of Romania, a unit capable of functioning as a pole of excellence at the national and European level, with an impact on the economic environment as well as on research, development and innovation actors.

“Publish or perish” has consistently been the motto of the Institute. Without overestimating the importance of bibliometric values in evaluating excellence in research, we can state that a first indication of the quality of the activity comes from the number of papers and the interest they enjoy in the academic community. Since 1990, the Institute researchers have authored or co-authored more than 5,645 papers published in ISI-listed journals, which have more than 41,000 citations (excluding self-citations), according to Web of knowledge (December 2022). Also, more than 60 researchers have Hirsch index higher than or equal to 15, ICMPP’s Hirsch index being 81.

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Research staff: 46 researchers

Short history

The Chemistry Section (1958) of the Timișoara Scientific Research Branch of the Romanian Academy (1951) was born by joining to the existing Inorganic and Analytical Chemistry Laboratories the new ones with the profiles: dyes, organo-phosphorus and computational chemistry. The Chemistry Section became the Chemistry Center Timișoara (1966). The new research directions, the increasing number of researchers, and the reorganization of the research following scientific trends led to the transfer of the Chemistry Center under the Ministry of the Chemical Industry and the Central Institute of Chemistry tutelage. Subsequently, the re-establishment of the Romanian Academy research units allowed Chemistry Center to return to its subordination under the name: Institute of Chemistry Timișoara of the Romanian Academy. As a sign of gratitude to the distinguished Academician Coriolan Drăgulescu considered the “father” of modern inorganic chemistry in the field of research and education in Timișoara, the institute acquired his name (2018).

Research areas, scientific research

”Coriolan Drăgulescu” Institute of Chemistry (ICT) is an Institute of the Romanian Academy with a tradition of over fifteen years in fundamental research in the field of organic, inorganic, and theoretical chemistry. Pursuing national, European and international scientific research, development, innovation, and technological tendencies, ICT has channelled its main research activities towards computational design, synthesis and characterization of environmentally friendly and pharmaceutically active compounds with applications in environmental protection, biomedical, pharmacology, and medicine fields.

The variety of existing ideas, laboratory equipment, research teams’ efforts, and their achievements (ISI papers, patents, the national/international projects attraction and accomplishment, international scientific meetings and fruitful scientific partnerships) have strengthened expertise, experience and scientific thematic pillars of the four ICT research domains: Inorganic, Organic, Catalytic Process, and Computational Chemistry.

ICT experience and expertise are mainly focused on the development of:

- new multifunctional compounds (e.g. complex combinations of d-block metals, organic compounds that react under the external stimuli action, crystal liquids, compounds with high catalytic activity in dehydration and oxyhydrogenation reactions, etc) with relevance in the science of nanostructured materials, biochemistry or environmental protection;
- new multifunctional organic and polymeric compounds containing heteroelements with targeted properties and applications in environmental protection and sustainable development;
- advanced multifunctional materials with special opto-electric properties based on porphyrins and their complex combinations having biological and technical applications;
- new algorithmic techniques to study compounds with biological activity and process virtual screening results, applications of cheminformatics and computational techniques to develop new compounds with potential agrochemical activity, repurpose approved drugs, predict the drug-likeness profile, collect and manage compound libraries, etc.

ICT pays special attention to the education and promotion of young researchers, being a doctoral organizing institution within the School of Advanced Studies of the Romanian Academy (SCOSAR) with four doctoral supervisors.

The Institute research plan and infrastructure improved through the RO-OPENSREEN project, provide the perfect framework to continue the current research to a superior level and create new research directions, to increase human resource education and specialization (PhD, post-doctoral), to facilitate the scientific community with knowledge exchanges and establish new cooperation initiatives at national and international levels.

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Research staff: 49

Publications: <https://www.icoscdn.ro/index.php/publicatii-recente>

Short history

“C. D. Nenitzescu” Institute of Organic and Supramolecular Chemistry (ICOS) is a prestigious research institute of the Romanian Academy, with a long tradition in organic chemistry. Established in 1949 by the famous Professor Costin D. Nenitzescu (1902-1970), the Institute has a long history in fundamental and applied organic synthesis and characterisation, as well as in the study of chemical reaction mechanisms. Initial research interests developed back in 1960’s were focused on the chemistry of small rings and strained polycyclic hydrocarbons, heterocyclic systems and mesoionic compounds, aluminium chloride catalysed reactions, areas of high scientific impact in that period. Special attention was paid to applied research, an original catalytic process for low-pressure polymerisation of ethylene being developed simultaneously with the famous Ziegler-Natta process.

Professor Nenitzescu was the first Director of the institute, until 1970, followed by Professor Ecaterina Cioranescu-Nenitzescu. In 1990, the institute regained its original status and scientific interests under the name “C. D. Nenitzescu” Center of Organic Chemistry. In 2022, has become the “Costin D. Nenitzescu” Institute of Organic and Supramolecular Chemistry (ICOS), a new organization of the research activity being implemented.

Research areas, scientific research

The scientific activities are focused on addressing research challenges related to fundamental chemistry as well as applied organic chemistry, divided into six major axes:

Heterocyclic compounds: synthesis, stereochemistry and reactivity - with a main focus on the synthesis and structural characterization of nitrogen containing heterocycles, investigation of the reaction mechanisms, stereochemical aspects (helicoidal isomerism, stereochemistry of intermediates, regioselectivity), and halogen and other supramolecular interactions (liquid and solid state).

Smart organic materials - brings cutting-edge skills in the fields of organic, polymer and material chemistry and engineering, aiming to bridge the gap between fundamental and applied research in the field of organic materials and to provide solutions to major challenges facing our society. The research activities concern the development of functional molecules and new synthetic strategies to enable access to dynamic complex molecular systems, targeting a wide range of applications including biomaterials, drug delivery systems, information storage, sensing and diagnostics.

Metabolomics and the chemistry of nature-inspired compounds - active in synthesis of biological active heterocycles, structure elucidation of organic compounds and metabolomics in agro-food and life sciences. Advanced structural characterization of organic compounds, investigation of plant, animal and human metabolism are also part of the research interests of the group.

Bioresources and sustainable organic chemistry - carrying out research for valorization of bioresources, conversion of secondary compounds resulting from industrial processes into added value products, and conversion of end-of-life products into materials useful in everyday life.

Computational chemistry: structure and reactivity - modelling techniques in order to understand the structure and reactivity of molecular and supramolecular systems or the interactions of molecules with other molecules or catalytic surfaces with the help of numerical simulations at different levels of theory ranging from molecular mechanics to ab initio methods. Also QSAR-QSPR studies are developed based on original approaches and using software developed in house.

Metallosupramolecular and Crystal Engineering - combining classical organic chemistry, supramolecular organic synthesis, coordination chemistry and crystal engineering, at the interface of fundamental research and material science. The research focuses on the design and synthesis of stimuli-responsive molecular compounds, molecular magnetic materials, crystal engineering of electroactive organic and metal-organic cages, rational design of metal-organic frameworks.

The ICOS develops multiple scientific worldwide collaborations.





Section of Biological Sciences

Institute of Biochemistry, Bucharest

Institute of Biology, Bucharest

Institute of Cellular Biology and Pathology “Nicolae Simionescu”,
Bucharest

“Emil Racoviță” Institute of Speleology, Bucharest

Institute of Biochemistry, Bucharest



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Research staff: number of researchers: 37

Short History

The **Institute of Biochemistry** was founded in 1952 by Eugen Macovschi, the head of the Chemical Biology Unit of the Faculty of Biology, University of Bucharest and merged with the Institute of Biology in 1976.

In 1990, the Institute revived as an independent unit under the auspices of the Romanian Academy that recreated this Centre of Research and Advanced Education in Protein Biosynthesis and Function.

The biochemical advanced education programs – such as the PhD training program, the post- doctoral international and national courses etc., focus also on protein biosynthesis and trafficking. The attractiveness of these programs is reflected by the high number of undergraduate, MSc and PhD students interested to learn from our experience. Due to this influx of young people, the average age of the research staff in the Institute is only 37. Despite this, the results obtained are significant making this institution internationally- recognized. The Institute has permanent links with the University of Oxford, and has also collaborations with many other research groups in Europe and the US such as, the Universities of Wageningen, the Norwegian Institute for Bioeconomy, the NIH Bethesda.

The Institute of Biochemistry has nucleated The Romanian Society of Biochemistry and Molecular Biology, affiliated to the Federation of the European Biochemical Societies, currently gathering 400 members from the most important Romanian universities and research institutions.

Research areas, scientific research

The Institute of Biochemistry functions as a **Centre of Research and Advanced Education in Proteomics** and its mission statement is to acquire knowledge through research in the field of biochemistry and molecular biology and apply the results for the use of the Romanian society and culture.

The main directions of research regard biosynthesis, intracellular traffic and functions of proteins with applications in molecular medicine and biotechnology.

We aim at fulfilling our mission by exploring the biological systems at molecular level. We try to understand how proteins are able to direct and support the biological processes within a cell, as enzymes able to mediate crucial pathways, as molecular assemblies or signalling cascades regulating cellular functions. To explore these complex processes we take interdisciplinary approaches covering a range of scientific disciplines including, cell biology, genetics, virology, bioinformatics and medicine.

We are dedicated to develop new technologies to advance the protein science field: www.biochim.ro/ publications. Advanced scientific investigations are supported by our state of the art infrastructure in proteomics, mass spectrometry, automated high throughput drug screening and confocal microscopy. This research facility center in biomedical proteomics, operated by an interdisciplinary team of young researchers with backgrounds in biochemistry, chemistry, biophysics, biology, pharmacy.

Institute of Biochemistry provides expertise in the fields of Molecular Biology, Analytical Biochemistry, Protein Synthesis, Recombinant DNA Technology, Cell Signaling, Bioinformatics, Molecular Modeling and Simulation, Systems Biology of Aging, Drug and biomaterials testing.

Within the framework of the School of Advanced Studies of the Romanian Academy (SCOSAAR) - IBAR carries also its own educational programs in molecular life sciences at PhD, Post Doc and continuing education levels in which the next generation scientists are trained by research based practical learning.

IBAR is funded by the Romanian Academy and the Romanian Government, through competitive grants awarded by the Executive Unit for Financing Higher Education, Research, Development and Innovation.

Institute of Biology, Bucharest



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Research staff: 64 researchers

Publications:

Romanian Journal of Biology - Plant Biology (ISSN: 1843-3782), abstracted/indexed in: e-journals

Romanian Journal of Biology - Zoology (ISSN 2248-3799) online (ISSN-L 1843-7761), abstracted/indexed in: Thomson Reuters Master List, Zoological Record, Index Copernicus

Short history

The Institute of Biology of the Romanian Academy was established in several stages, starting with 1949, when the collectives of Fauna of Romania, Flora of Romania, Vegetal Physiology and Animal Ecology were founded. In 1950, the collectives of Vegetal Ecology and Animal Genetics were founded and in 1954, the collectives of Limnology, Oceanology and Animal Physiology were founded. In 1957, all these laboratories were reunited and the first Biological Research Center in Romania was founded. In 1958, the Laboratory of Vegetal Genetics and in 1959, the Laboratory of Animal Morphology were founded. In 1960, the Biological Research Center was transformed into the Institute of Biology "Traian Săvulescu" and in 1964, all the research teams, dispersed in different offices in Bucharest, were reunited in a new building, in Splaiul Independentei no. 296. In the same year, the greenhouse of the Institute was inaugurated. At the beginning of 1973, the Central Institute of Biology was founded, as a national structure for biological research, being part of the Institute of Biological Sciences in Bucharest. In 1990, the Central Institute of Biology was disbanded and the Institute of Biology was founded, which returns to the structure of the Romanian Academy (H.G. 1220/1990).

Research areas, scientific research

The Institute of Biology Bucharest of the Romanian Academy is an institution with a long tradition of over seventy years in fundamental research with potential applicative target, having as main mission the widening of the knowledge in the basic fields of Biological Sciences, in order to integrate them into the national and international scientific field.

The Institute of Biology Bucharest has the following **research areas**:

- assessment of specific biodiversity in natural aquatic and terrestrial ecosystems;
- the study of the evolution of natural ecosystems under the influence of anthropogenic and environmental factors;
- taxonomy and choreology of lichens, bryophytes and higher plant species in flora of Romania and in invertebrate and vertebrate species in Romanian Fauna;
- taxonomic, structural and physiological diversity of microorganisms in natural environments with normal and extreme conditions (temperature, pH, etc.);
- identification and study at the cellular and molecular level of structures and metabolites with bio(nano)technological potential;
- the study of microorganisms in environments with high concentrations of pollutants for use in complementary technologies for the bioremediation of polluted environments;
- characterization at the cellular and biochemical level of the *in vitro* development processes of some species of protected plants from the Flora of Romania for *ex situ* conservation and exploitation their biotechnological potential;
- development of methods for conservation of the plant genome by cryopreservation;
- creating of an active plant tissue culture bank for the conservation of certain spontaneous, endangered species, from the native flora;
- the use of *in vitro* cultures of plant tissues and cells for identification, and characterization of secondary metabolites with biotechnological importance.

To achieve the desired excellence in research, the strategic objective of the Institute of Biology Bucharest aims at performance in human resource education and specialization (PhD, post-doctoral), introducing new, modern research topics which can be published in top research magazines (top 10% in WoS CC), supporting participation in scientific research programmes and projects with extra-budgetary financing (Horizon Europe, BiodivERsA Programme, grants SEE RO-Mediu, etc).

The Institute research's program, focusing on the study of the biodiversity in the context of global climate change and sustainable development, has been periodically reconsidered to meet the established performance indicators and to promote areas considered strategic for the Institute.

Institute of Cellular Biology and Pathology “Nicolae Simionescu”, Bucharest



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Research staff: 105.5

Publications: <http://www.icbp.ro/static/en/en-research-publications/index.html>

Short history

In 1970, Nicolae Simionescu and Maya Simionescu, were in the USA upon George Palade's invitation to collaborate at Rockefeller University. Impressed by the American scientific life they started to dream to *“create a place where young Romanian researchers could illustrate their talents and potential, and on a broader scale to pioneer the emerging field of Cell Biology in Romania”*.

The next 10 hard-working years, in between experiments and backed by the personality of George Palade, the Simionescus designed the architectural plans of the new Institute, its specialised and central core laboratories. In 1979 they inaugurated officially the Institute of Cellular Biology and Pathology (ICBP). Soon after, in 1980, the communist regime cut all the state funds. The Simionescus applied to National Institute of Health (NIH) - USA for competitive grants and were successful to gain 4 successive 3-years grants. Thus, for 12 years, the research of the Institute was supported by NIH-USA. To promote cell biology, in 1982 Nicolae Simionescu founded the Romanian Society for Cell Biology with branches in all university cities. Was a big achievement for the Romanian teaching and science.

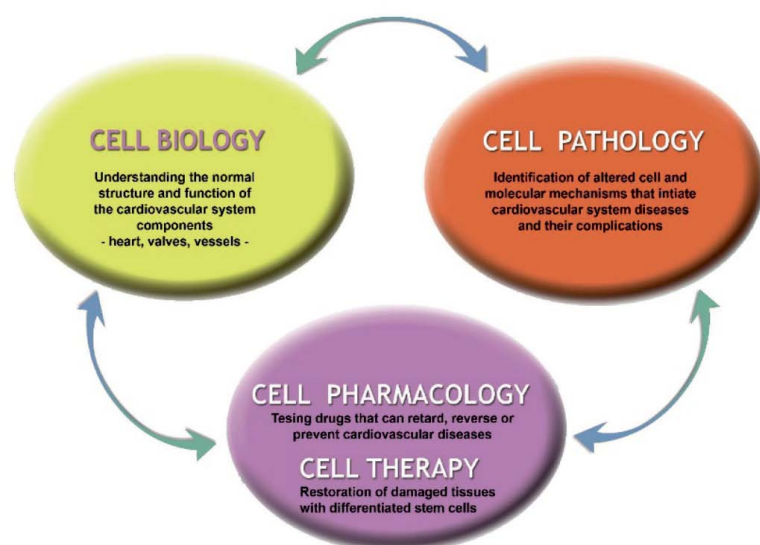
In 1995, the institute was named “Nicolae Simionescu” (ICBP-NS) in the memory of Professor Nicolae Simionescu.

Research areas, scientific research

Research activities are accomplished by 8 research groups led by an experience leader; they have interconnected and complementary topics. Research is supported by the central laboratories and a renewed modern animal facility.

Since the beginning the research was based on an integrative vision of Nicolae and Maya Simionescu aimed at the investigation of cardiovascular system (CVS) in health and diseases. The strategy was to go successively from basic cell biology of the CVS to the pathology and from pathology to pharmacology and therapy of CVS (shown below).

RESEARCH GOALS AND MAJOR STEPS ENVISAGED



Mission of research:

1. Identification at cellular and molecular level of the pathological changes of the CVS in diseases such as atherosclerosis, diabetes, metabolic syndrome, cancer, chronic disorders and aging.
2. Fast transfer of the results to the clinics for early diagnosis, prevention, personalized treatment - to improve health and eventually cure patients.

Original concepts originated from the results – internationally accepted:

transcytosis of molecules and its mechanisms; histamine receptors expressed preferentially on venular endothelial cells (EC); albumin binding proteins present in EC, cardiomyocytes; the initial events in atherosclerosis: inflammation in atherogenesis; hyperglycemia induced - increased atherogenicity of lipoproteins contributing to accelerated atherosclerosis in diabetes; EC response to aggressors; alarmins as molecular biomarkers in non-communicable diseases, role and use of stem cells; drug targeting to specific EC sites.

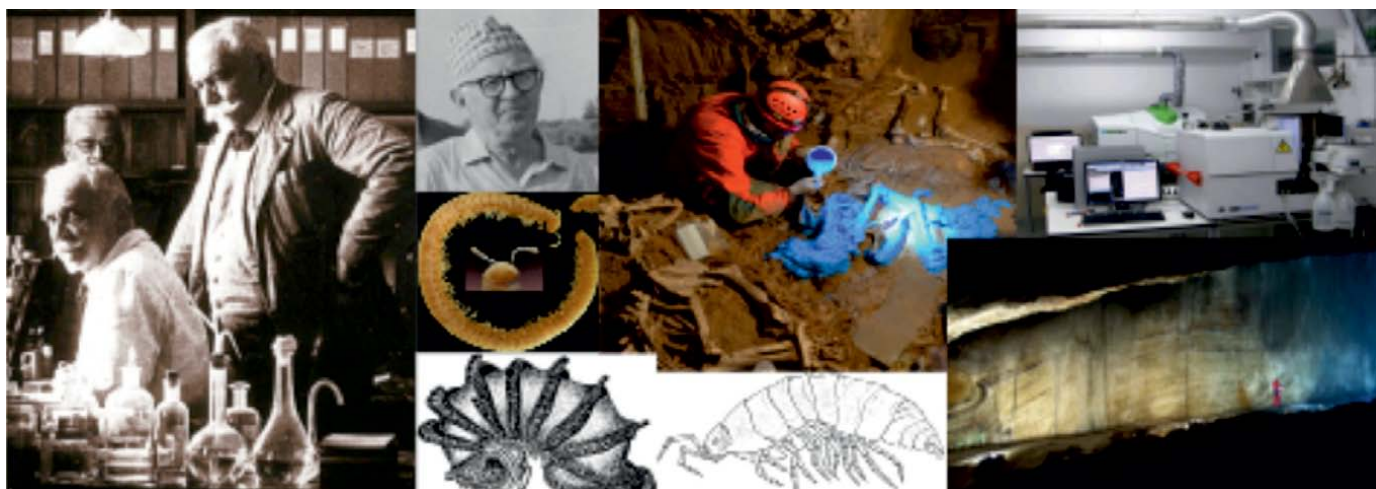
ICBP-NS and education: eight doctoral supervisors, numerous PhD students affiliated to the Doctoral School of the Romanian Academy. Coordinated by Acad. Maya Simionescu, the major objectives are: 1. promotion of modern research through the education of young researchers and 2. fostering scientific international collaborations and exchange of ideas and technology.

The “Nicolae and Maya Simionescu Fellowship” for young researchers in the biomedical field inaugurated in 2022 is a proof of generosity and passion of Simionescus for science, for young researchers and as a legacy for future generations.

Awards granted to ICBP-NS: Member Institution of UNESCO Global Network for Molecular and Cell Biology; Centre of Excellence of the European Community (by competition), Centre of Excellence of the Romanian Academy and of the Ministry of Education and Research; “Cultural Merit” of the Romanian Presidency, Officer Degree; “Conceived in Romania” Excellence Diploma of the Ministry of Education and Research.

Hopes: pursue the basic research and preclinical investigations for the progress of personalized medicine and advances of knowledge at the national, European and international level thus contributing to the future well-being of human society.

“Emil Racoviță” Institute of Speleology, Bucharest



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Research staff: 32

Publications: *Travaux de l'Institut de Spéologie "Émile Racovitza"*,
<https://travaux-racovitza.com>

Short history

“Emil Racoviță” Institute of Speleology, the first institute of speleology in the world, owes its existence to the genius of the great scientist and president of the Romanian Academy, EMIL RACOVIȚĂ (1868–1947) - biologist, polar explorer and founder of *Biospeleology*. At his initiative, the king Ferdinand Ist issued at 26th of April 1920, the special law founding the Institute of Speleology within the Cluj Science Faculty.

After the death of Emil Racoviță, the Institute suffered a gradual reduction of its activity, but due to the economic and scientific interest in the world of caves, the Institute was reorganized in 1956 (HCM 1189/21st June). By this decision, the Institute was structured with a central at Bucharest and a research compartment in Cluj, the management being entrusted to Professor CONSTANTIN MOTAȘ (1891–1980), an internationally renowned systematist and taxonomist, the founder of *Phreatobiology*. A year later, the Institute received the name of its founder, Emil Racoviță, (HCM 1910/10th December 1957), three years later passed under the aegis of the Romanian Academy (HCM 130/10th February 1960). From 1973 to 1990, the Institute functioned, as a self-contained unit and keeping its name, with the Central Institute of Biology. In 1990, by HG 656/6th June, The “Emil Racoviță” Institute of Speleology returned to the Romanian Academy, maintaining the previous structure, with research compartments in Bucharest and, respectively, in Cluj-Napoca.

Research areas, scientific research

“Emil Racoviță” Institute of Speleology (ERIS) is dedicated to the interdisciplinary research of the physical and biological elements of the karst environment and related domains, aiming to describe and analyze the current state of the environments, palaeoevolutive reconstitution, evolutive tendencies, and conservation of protected or strategic natural areas.

Currently, ERIS comprises four research compartments and a laboratory: (1) Biospeleology and Karst Edaphobiology Compartment focusing on the systematics, phylogeny, diversity and distribution of the subterranean fauna, the evolution and adaptations of the fauna, biotic and abiotic networks of the subterranean and edaphic environments; (2) Geospeleology and Paleontology Compartment focusing on the geology of caves and karst regions, sedimentology and mineralogy of the endokarst deposits and ascertaining their absolute age, biostratigraphy, paleogeography, morphology and genetics of the fossil remains from karst deposits, defining Quaternary climatic shifts based on cave deposits; (3) Karstology, Karst Inventory and Protection Compartment focusing on classification, inventory and registration of the exo- and endokarst structures, identification of karst patrimony and biodiversity assets in need of a special protection status, management norms issuance in order to assign protected area status to karst sites; (4) Cluj-Napoca Compartment focusing on interdisciplinary studies in all the domains of the other three compartments; (5) Hydrogeochemistry Laboratory focusing on geochemical processes from karst-prone areas and related terrains, the transfer mechanisms in karst-prone environments of priority dangerous chemical compounds, chemical-analytic studies on natural matrix specific to the Institute domain of research. The laboratory is accredited by RENAR for investigations on various types of natural waters.

In the last two decades, the ERIS researchers published over 400 ISI indexed papers, including Nature and Science, over 200 BDI indexed papers and 48 books in prestigious international, university and academic publishing houses and actively participated in numerous international scientific events. Within the same time frame, ERIS obtained 60 research contracts, 9 being international contracts. Also, a part of the ERIS researchers acquired prestigious research scholarships within projects financed by the European Commission. In the same time, ERIS maintains a large network of collaboration with research institutes and universities from the entire world. Consequently, the ERIS researchers follow with abnegation, enthusiasm and loyalty the idea of the great visionary Emil Racoviță a century after the founding of the Institute.





Section of Geonomical Sciences

The "Sabba S. Ștefănescu" Institute of Geodynamics, Bucharest

Institute of Geography, Bucharest

Geographic Research Center, Iași

Geographical Research Center, Cluj-Napoca



The "Sabba S. Ștefănescu" Institute of Geodynamics, Bucharest



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Web page: www.geodin.ro

Research staff: 44

Publications: *Romanian Geophysical Journal (Revue Roumaine de Geophysique)*,
<http://www.geodin.ro/revue-roumaine-de-geophysique/>

Short history

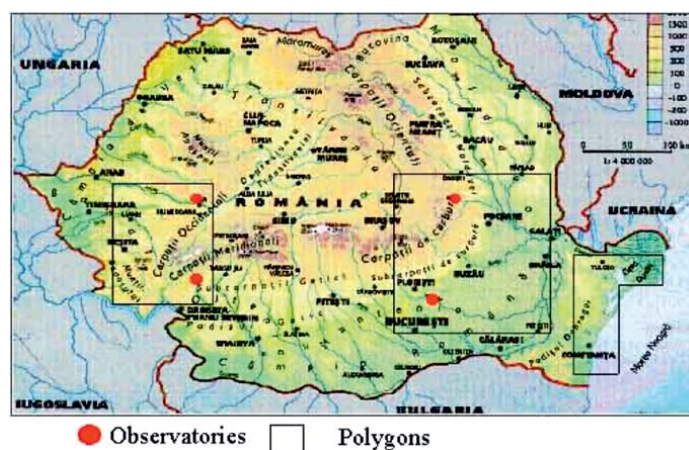
The "Sabba S. Ștefănescu" Institute of Geodynamics of the Romanian Academy was constituted in 1990, simultaneously with the revival of the Romanian Academy.

The Institute continues a tradition begun in the framework of the Geophysical Research Centre of the Romanian Academy. The instrumental Geodynamics was introduced in our country on the occasion of the February 15, 1961 total solar eclipse. On the occasion of this eclipse, in a building belonging to the Căldărușani monastic complex, the first recordings of the variations in time of the gravitational field in our country were carried out, using as a sensor an Askania type gravimeter and recording systems of own construction. Also, recordings with a pendulum, constructed by Dorel Zugrăvescu, have been simultaneously carried out at the time. At present, the *Căldărușani Geodynamics Observatory* is functioning in the building where these recordings were carried out. The co-operation established in 1961 between the *Căldărușani Monastery* and the *Căldărușani Geodynamics Observatory* was officially celebrated in 2001, at the anniversary of four decades of existence of the first and up to now the only co-operation established between one of the orthodox churches - the Romanian Orthodox Church - and science - the Romanian Academy.

Research areas, scientific research

Since its foundation, the Institute of Geodynamics “Sabba S. Ștefănescu” of the Romanian Academy has focused its interest on fundamental research imposed by the tasks implied by the Priority Program of the Romanian Academy “Complex geophysical research in geodynamically active areas concerning especially the Vrancea seismogenic area”, regarding particularly:

- the study of space-time variations of some parameters causally linked to the accumulation of stresses responsible for earthquakes occurrence; measurements in observatories and networks regarding the gravity, geomagnetic and geoelectric Earth’s fields, as well as crustal deformation and relative displacements of tectonic blocks (via recordings at observatories of geodynamics (figure);



- the electric tomography of the Vrancea seismogenic area;
- modelling of the thermo-mechanical evolution of lithosphere;
- main geomagnetic field and its secular variation;
- evolution of endogene processes and volcanism in correlation with geodynamic processes/seismicity of Vrancea area;
- evaluation of natural hazards;
- the study of the correlation between fluid dynamics and crustal stress;
- complex inter-disciplinary research on the environment in which the Earth is evolving: the solar-terrestrial interaction, the atmosphere – solid Earth coupling, the non-linear analysis of geodynamic systems;
- contributions to studies regarding the river-sea systems (Danubius Project).

Important results obtained by the Institute’s researchers to the last decade of the 20th century and the first years of the 21st century achieved mainly from reinterpretation of specific data (geodynamic compartments on the Romanian territory, recent vertical crustal movements, heat flow map of Romania, thermal model of the lithosphere including the Vrancea seismogenic volume, electromagnetic tomography of the Vrancea area), and from new measurements/using worldwide data (geomagnetic field constituents and geomagnetic jerks, a new image on the crustal magnetic/electric properties in Romania), according to contemporary trends in these scientific areas.

Institute of Geography, Bucharest



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Research staff: 29

Publications: *Revue Roumaine de Géographie/Romanian Journal of Geography*, www.rjgeo.ro

Short history

On the initiative of Acad. Vintilă Mihăilescu, the Geographical Research Institute of Romania was set up in 1944 with two branches, one in Cluj and one in Iași. *Outstanding scientific personalities* developed their activity within the Institute, e.g. Vintilă Mihăilescu, Virgil Ianovici, Victor Tufescu, Tiberiu Morariu and N. Al. Rădulescu *members of the Romanian Academy* and remarkable scientists: Ion Conea, Raul Călinescu, Petre Coteț, Ion Gugiuman and Constantin Martiniuc.

The Institute of Geography of the Romanian Academy (IGAR) elaborated and published major synthesis works of the Romanian geography (e.g., *Treaty of Romanian Geography* – 5 volumes, the *National Atlas of Romania*; the *Historical-Geographical Atlas of Romania*, 1996, 2007; *Romania-Space, Society, Environment*, 2005, 2006, 2016; *Geosciences History in Romania*, 2018 and regional studies – the *Romanian Danube Valley*, 1965 and 2022).

IGAR is involved in the activity of the International Geographical Union (IGU) through the active membership and the coordination of two Commissions (Land Use land Cover Changes, Local and Regional Development) and one Task Force (Young and Early Career Geographers) and in the International Association of Geomorphologists.

Research areas, scientific research

Tasks assumed by the Institute: Fundamental and applied research into Physical Geography, Human Geography, Regional Geography and Geography of the Environment carried out

under the Romanian Academy's fundamental and priority research programmes, as well as national and international funded research projects.

Research Objectives:

- Integrated geographical researches on human-environmental relationships in a climate change context, using GIS, Remote Sensing and process-based models
- Knowledge transfer, interdisciplinary and transdisciplinary researches on man-environmental interactions at national, regional and local levels
- Geographical services for different governmental and administrative institutions.

Main Research Topics:

- Susceptibility, hazard, vulnerability and risk to natural and man-made processes and phenomena at local and regional scales under climate change challenges;
- Adaptation and resilience studies to hazards and climate change at different spatial scales;
- Integrated physical and socioeconomic studies on population, urban - rural relationships, metropolitan areas and Euroregions;
- Human-environmental interactions and futures of natural resource use connected to sustainable development;
- Assessment and modelling of land use/land cover dynamics in various landscapes and territorial systems;
- Integrated impact studies on ecosystem services and natural protected areas.

By its activity, the Institute of Geography makes a major contribution to the knowledge of Romania's territory and to advances in the geosciences.

Results, research projects and publications

The Institute of Geography has participated in international research projects (with the World Bank, FP6, FP7, Horizon 2020, Horizon Europe, NATO, Marie Curie-Skłodowska, SEE, Cross-Border Co-operation Programme) developing, within this framework, scientific collaboration relations with profile institutions from Romania and abroad.

The Institute is the editor and the coordinator of two periodical publications: *Revista Geografică* and *Revue Roumaine de Géographie/Romanian Journal of Geography* which is indexed in important international data-bases, including SCOPUS and has its own site (www.rjgeo.ro) since 2009.

In 2014, on the occasion of the anniversary of 70 years since its foundation, the Institute of Geography was awarded the **Diploma Meritul Academic** (Academic Worth Diploma) by the Romanian Academy “for its exceptional scientific contribution to the field of Geography, and to asserting the geographical school in Romania and abroad”.

The Institute has a research centre (Centre for the Study of Natural Hazards), founded in 1968, located at Pătărlagele, Buzău County, focussed on geomorphological and extreme event studies, where an International Summer School, “*Environmental Hazards and Sustainable Development in the Mountain Regions*”, is being organised since 2001 (14 editions until now).

Geographic Research Center, Iași



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Research staff: – 9 members: prof. dr. emeritus, CS I Constantin Rusu (coordinator of CCG), prof. dr., CS I Ionel Muntele, CS I PhD. Cristian Valeriu Patriche, prof. dr, CS I Dumitru Bulgariu, CS II PhD. Bogdan Roșca, CS III PhD. Radu Gabriel Pîrnău, lect. PhD. CS III Ionuț Vasiliniuc, lect. PhD. CS III Alexandru Bănică, lect. PhD. CS III dr. Oana Cristina Stan (CS meaning Scientific Researcher).

Technical staff – 1: PhD engineer Dana Chelaru

Publications:

Factori și Procese Pedogenetice din Zona Temperată Journal (Soil Forming Factors and Processes from the Temperate Zone; up to 2016), indexed in BASE, SCIPPIO, ULRICHWEB, DOAJ, EBSCO, CABI.

The journal is followed by the volumes including the materials and results of the annual symposium, published since 2017 (except the peak of the pandemics from 2020) <https://www.editura.uaic.ro/produse/rezultatele-cautarii-pentru/factori/1>.

Studii și Cercetări în Geoștiințe (Studies and Researches in Geosciences) series, „Alexandru Ioan Cuza” University of Iași Press; ISBN 978-606-714-254-9; <https://www.editura.uaic.ro>.

The yearly volumes of the Annual Symposium of Geography („Alexandru Ioan Cuza” University of Iași Press, <https://www.editura.uaic.ro>).

Short history

The Geography Collective of the Iași Branch of the Romanian Academy was established in 1990, at the initiative of Cristofor Simionescu and with the support of the members of the Iași Branch of the Romanian Academy. The geographical research at the Iași Branch of the Academy did not start with the creation of this collective, but much earlier (in 1930),

simultaneously with the establishment of the “Dimitrie Cantemir” Geographical Society. Over time, the scientific activity in the field of Geography has benefited from continuity, value, and higher scientific standards.

Initially conceived as a research nucleus with concerns in the field of Soil Science, over time, the Geography Collective acquired consistency, individuality, and national and international recognition. Interdisciplinarity, as a defining trend of contemporary science, was quickly implemented in the studies carried out in the field of Geosciences. Considering the specificity of the scientific research, the Presidium of the Romanian Academy approved in 2021, the change of name from Collective to the Geographic Research Center.

Research areas, scientific research

The research has been primarily focused on the Eastern part of Romania. In the meantime, scientific interests have diversified and expanded, “touching” other areas of the country or even national scale, in the fields of physical and human geography, or, generally, geosciences.

Research fields: Soil science; GIS, Remote sensing and statistical analysis; Human geography. The research topics fall into two priority directions: Interdisciplinary research in the field of Soil Science (dynamics of soilscapes; soil genesis and taxonomic classification; physico-chemical properties and territorial distribution of soils; spatial modeling of morphometric parameters, of pedological and climatic indicators; soil pollution and degradation, etc.) and Human Geography (population dynamics, human settlements and their relationships with the environment; trends and cycles in the evolution of human-geographic subsystems; resilience of territorial systems; quality of life and sustainable development; discontinuities in the manifestation of specific processes and phenomena, etc.).

Among the current research themes, several new study directions have been developed, consistent with the priority programs of the Romanian Academy and the contemporary trends in the field: the dynamics of soilscapes from the North-Eastern Region of Romania in the context of climate change; the study of soil degradation processes - current state, trends of evolution and the socio-economic impact, procedures for improving and regenerating soil resources; applications of statistical-mathematical methods and remote sensing in pedometry, agricultural land evaluation, climatology and dynamic geomorphology; dynamics of the population and human settlements in Romania; the impact of the implementation of the provisions of the European Green Pact on the soilscapes in the North-Eastern Region of Romania; resilience of territorial systems; the study of the relationships between quality of life and sustainable development, etc.

The scientific activity of the members of the Geographic Research Center is highlighted by monographic publications and scientific articles in own publications, as well as in prestigious journals, with multiple citations. The national and international prestige and recognition are also highlighted by the prizes obtained (three prizes of the Romanian Academy, one prize of the Academy of Agricultural and Forestry Sciences, 15 prizes at International Invention Salons, etc.), as well as the activity carried out by the members as editorial board or scientific referents of some BDI journals, as members of national and international professional organizations, as honorary members of some international scientific organizations, etc.

Geographical Research Center, Cluj-Napoca



ROMANIAN ACADEMY - CLUJ-NAPOCA BRANCH GEOGRAPHICAL RESEARCH CENTER

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Web page: geografie.acad-cluj.ro

Research staff: 6

Publications: *Geographia Napocensis*, <http://geographianapocensis.acad-cluj.ro/>

Short history

The Center for Geographic Research of the Cluj-Napoca Branch of the Romanian Academy is the successor of the Geography Section that had been established within the same institution, by the master of the Cluj geographical school, Professor Tiberiu Morariu, on October 1st, 1949. In fact, Tiberiu Morariu, corresponding member of the Romanian Academy and dean of the Faculty of Biology-Geography of the Babeş-Bolyai University in several legislatures, guided its course until 1973, when he retired from the activity. In the 25 years that he had been in charge of the section, he inspired in his disciples the accuracy of fundamental analysis, and of those of immediate practical applicability; “applied geography” assiduously promoted by him, being part of the modern scientific trends of the time, on a global level.

Through the sustained scientific activity, materialized in the doctoral theses of its members, in synthesis works of a monographic nature, among which the ones included in the “Counties of Romania” collection (Alba, Bistrița-Năsăud, Harghita, Sălaj), the center proved to be a veritable growing environment for the training and affirmation of prestigious Transylvanian geographers, with important contributions in the study fields of geomorphology, hydrology, tourism, population and settlement geography, ethnography, etc. Most of the center’s staff became, by transfer, prestigious teaching staff of the faculty, where they perfected their scientific stature with honorary academic positions.

Research areas, scientific research

Since its establishment, and most often in close collaboration with the teaching staff of the specialized faculty of the Babeş-Bolyai University, the center's researchers have engaged in detailed and complex research activities of geographical phenomena and processes related to the immediate neighboring areas: Transylvanian Depression, Apuseni Mountains, Eastern Carpathians, etc.

In the last two decades, the members of the center have addressed national and international up-to-date scientific topics, mainly included in the field of regional geography and environmental science, while assessing the geographical potential of different regions and outlining territorial development plans and strategies.

The current concerns of some members of the center focus on highlighting some aspects related to environmental pollution, the consequences of climate change on the environment, the landscape and the regional and local socio-economic context. There is no shortage of approaches regarding the genesis, structure and functions of cultural landscapes, as well as regional development strategies or resilience of territorial systems.





Section of Technical Sciences

Institute of Solid Mechanics, Bucharest

Center for Fundamental and Advanced Technical Research, Timișoara

Institute of Solid Mechanics, Bucharest



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Research staff: 37

Publications: *Romanian Journal of Technical Sciences*,
Applied Mechanics (formerly *Revue Roumaine des Sciences Techniques*,
Série de Mécanique Appliquée)

Short history

The Institute of Solid Mechanics of the Romanian Academy (IMSAR) is an organization for advanced research in the field of solid mechanics with applications in mechanical engineering, robotics and mechatronics. The Institute has its origins in the Traian Vuia Institute of Applied Mechanics (IMA), established in 1948 under the aegis of the Romanian Academy (director acad. Elie Carafoli).

In 1965, the IMA split into two research units: the Institute of Fluid Mechanics-IMF (director acad. Elie Carafoli) and the Center of Solid Mechanics-CMS (director acad. Ștefan Bălan), which carried out their activity as institutes of the Academy Romanian until 1970. During the period 1970-1990, CMS was successively subordinated to the Ministry of Education and the State Committee for Nuclear Energy. Since 1990, CMS returned to the Romanian Academy under the name Institute of Solid Mechanics-IMSAR (director Tudor Sireteanu, corresponding member of the Romanian Academy).

Research areas, scientific research

IMSAR has a long history of involvement in applicative and fundamental research in the field of solid mechanics. Its past success is a direct effect of having a unique interdisciplinary structure consisting of four main research departments: Robotics and Mechatronics; Dynamic Systems and Vibration Control; Deformable Media and Biomechanics; Tribology. IMSAR has developed the first industrial painting robot in Romania, the RIV-SFINX, in collaboration with „Automatica” Bucharest, which was in service for over 10 years and has led to the development of further industrial robotic systems.

More recent research shows IMSAR’s interest in fundamental and applicative research in the fields of vibration and acoustics, robot simulation and control, development of artificial intelligence techniques, dynamic systems and earthquake resilience, environment virtualization, composite materials and biomechanics, tribology and prosthesis wear profiles, and AAL (active and assisted living).

Following along its main line of research, supported by numerous valuable national and international publications and having an experienced team of researchers, IMSAR can be counted on to deliver determination and cutting edge expertise to the achievement of the project goals.

Center for Fundamental and Advanced Technical Research, Timișoara



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Research staff: 24

Publications: <https://www.academiاتم.ro/organizare-2/institute/centrul-de-cercetari-tehnice-fundamentale-si-avansate/>

Short history

Center for Fundamental and Advanced Technical Research (CFATR) has a tradition and scientific activity of over 65 years in the Romanian and international research community. CFATR is the successor of the Technical Research Center established in 1956 within the Timișoara Scientific Research Base of the Academy, then of the Hydraulic Machines Research Center (since 1974) and of the Hydrodynamics, Cavitation and Magnetic Fluids Research Center (since 1991) established within the University “Politehnica” of Timisoara.

CFATR has been active in the actual structure of the Romanian Academy - Timisoara Branch (RATB) since 1997. CFATR’s mission consists in the development, dissemination and valorization of scientific and technical knowledge obtained through fundamental and applied research in fields of national, European and international interests. CFATR’s research programs, focusing on the main field of research – engineering sciences - have been periodically updated to promote strategic research areas.

Research areas, scientific research

The Center for Fundamental and Advanced Technical Research (CFATR) is a highly ranked research unit of the Romanian Academy - Timisoara Branch (RATB). CFATR covers the following research areas: hydrodynamics, cavitation and magnetically controllable fluids; steel construction, integrity and resilience of materials and structures; electro-mechanics, vibrations, data science and engineering. 24 researchers work permanently on the 16.5 positions within the CFATR.

The highly qualified research human resource includes 21 PhDs while 14 of them are PhD supervisors. The objectives of CFATR aim at research performance and the specialization of human resources in close connection with University Politehnica Timisoara, including free access to its research infrastructure. The multiannual scientific programs are oriented towards fundamental research, followed by application of results through transfer of knowledge and technologies, respectively services and consultancy for companies in the economic environment.

The coordination of scientific activities is carried out by 6 members of the Romanian Academy ensuring high level research and dissemination of results, as well as an outstanding international visibility of CFATR.





Section of Agricultural and Forestry Sciences

Research Center for Sustainable Rural Development of Romania, Timișoara

Oenology Research Center, Iași

Research Center for Sustainable Rural Development of Romania, Timișoara



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E-mail: ccdrdr@academiatm.ro

Web page: www.academiatm.ro/organizare-2/institute/ccdrdr/

Research staff: 7

Short history

The Research Center for Sustainable Rural Development of Romania has been operating within the Romanian Academy - Timișoara Branch since April 4, 2005. The establishment of this research center responds to the needs of knowledge, research, innovation, and development of the Romanian rural space, especially in the Western part of the country, according to the current requirements of rural life evolution. The dimension of the rural area and the issues of its sustainable development in Romania generate complex topics, researches and interventions due to the need to maintain a balance between the prerequisite to preserve the traditional rural area and the tendency to modernize and expand the urban, both in economic terms, as well as ecological, social and cultural.

Research areas, scientific research

The research areas of the Center cover:

- Local and regional rural development in Romania and European Union;
- Rural economy – fundamental component of Romania's rural development;
- Impact assessment of Common Agricultural Policy over the rural economy in Romania;
- Financing support systems for agriculture and rural development.
- Rural area endowment.

The main objective of the Center's activity is the sustainable rural development research in Romania, a complex issue demanding multidisciplinary studies, considering the achievement of a balance between the need to preserve the rural area, the recent trend of modernizing agricultural and non-agricultural activities, and agricultural and rural life. The topic of rural area became of particular complexity due to the negative accumulations from the communist period as well as the profound and, not infrequently, contradictory, structural, economic, occupational and social developments that occurred after December 1989.

The Center's team carries out research and studies on the evolution of agriculture and development of rural area under the Romania's integration into the European Union. A central focus is represented by the compatibility of Romanian rural policies with European one, according to the current state of agriculture and rural areas in the European Union (high technical performance, with increasingly material consumption and costs) and the current state of Romanian agriculture. These analyses comprehend the objectives of restructuring the agricultural holdings, the massive financial support required to increase technical and economic results and the penetration of Romanian produce on the common market.

The compatibility of Romanian rural structures with those of the EU requires the implementation of rural development instruments included in Romania's current agricultural policy as part of CAP. As it results from most of the studies undertaken, a change of concept, of mentality, a new philosophy of the countryside, correlated with local and regional autonomy and the principle of subsidiarity, are needed.

Oenology Research Center, Iași



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E-mail: ccoiasi@gmail.com

Research staff: number of researchers — 7

Publications:

Short history

In 1991, Valeriu D. Cotea, professor of viticulture and oenology at the “Ion Ionescu de la Brad” University of Agricultural Sciences and Veterinary Medicine (UȘAMV), initiated the creation of a research center in the field of oenology in Iași.

Following received approvals, the new research structure began its activity on February 3rd, 1992, under the name of Oenology Research Center, located in the building of the UȘAMV Oenology Laboratory in 9H M. Sadoveanu Alley, Iași.

Professor Valeriu V. Cotea, PhD, was delegated the position of director of the Oenology Research Center, by decision of the president of the Romanian Academy Iași Branch, starting with October 25th, 2011.

Research areas, scientific research

The mission of the Center is the development of knowledge through advanced research in oenology (theoretical and applied) and other complementary sciences, with implications in wine production and fining technologies, in physical-chemical analysis, microbiology, biological and health effects of wine.

The directions of research, development, innovation

- development in the field of quality control of wine products;
- development in the field of technologies used in the wine industry;
- use of oenological materials to improve quality of wine products;
- dynamic of wine quality in the context of climate change.

Scientific cooperation at national level, including research projects:

The center cooperates scientifically with:

- Agricultural and Life Sciences Universities in Romania;
- “Al. I. Cuza” University Iași;
- “Gheorghe Asachi” Technical University Iași;
- Research and Development Stations for Viticulture and Winemaking (S.C.D.V.V.) from Iași, Târgu Bujor and Odobești;
- Ministry of Agriculture and Rural Development;

The Center also implemented:

- Sectoral Operational Program “Increasing Economic Competitiveness” co-financed by the European Regional Development Fund “Investments for your future”, O2.2.1-2009-4: Development of the infrastructure for the efficiency of technological activities and the implementation of unconventional methods to improve the quality of food and beverages - INFRATEHNOBEV;
- “Technology for valorization of bioactive components from grape seed waste with utility in the food, pharmaceutical, plant and environmental protection” (PROVITIS) project, financed by U.E.F.I.S.C.D.I. (Romanian Executive Agency for Higher Education, Research, Development and Innovation Funding), with S.C.D.V.V. Iași as main partner and the Oenology Research Center Iași being partner 1.

International scientific cooperation, including in research projects:

The Center maintains scientific relations with prestigious institutions abroad:

- International Organization of Vine and Wine (Oenology Commission; Nutrition and Health Commission; “Durable” Commission);
- Academy of Sciences of Moldova (Scientific-Practical Institute for Horticulture and Food Technologies, State Agrarian University of Moldova, State University of Moldova, Technical University of Moldova);
- Central Science Laboratory - MAFF, Eurofins;
- Universidad de Extremadura, Alemendralejo, Spain;

Existing research infrastructure:

In addition to the infrastructure of the Center, financed by the Sectoral Operational Program “Increasing Economic Competitiveness” co-financed by the European Regional Development Fund “Investments for your future”, O2.2.1-2009-4: Infrastructure development for the efficiency of technological activities and the implementation of unconventional improvement methods of the quality of food beverages – INFRATEHNOBEV, the institution also benefits from the equipment of the Oenology Laboratory of Iasi University of Life Sciences (IULS) with modern oenological experimental equipment.





Section of Medical Sciences

”Francisc Rainer” Institute of Anthropology, Bucharest

”Olga Necrasov” Centre of Anthropological Research, Iași

”Ștefan S. Nicolau” Institute of Virology, Bucharest

Biomedical Research Center, Iași

”Francisc Rainer” Institute of Anthropology, Bucharest



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Web page: www.antropologia.ro

Research staff: 27 researchers

Publications: *Annuaire Roumain d'Anthropologie* (<http://annuaire.antropologia.ro>) ;
Anthropological Researches and Studies (<https://www.journalstudiesanthropology.ro>)

Short history

Francisc Rainer Institute of Anthropology (IAFR) is the only institution dedicated to the main branches of our discipline (paleoanthropology, physical anthropology, and cultural anthropology) in Romania. Established in 1940 by the great Romanian scholar Francisc Rainer, the Institute has grounded – during more than 80 years – its important tradition of fundamental and applied research in disciplinary areas of historical anthropology and archeology, medical anthropology, psychology, and genetics, as well as ethnology, cultural ecology, demography, and the anthropology of art. The IAFR mission is to contribute to the development of anthropology as a „science of humankind” equally relevant for fundamental and applied research, within national and international professional frameworks. Our research staff is constantly devoted to achieving academic excellence through doctoral and post-doctoral specialization, and to the transfer of anthropological knowledge, research techniques, and scientific results towards socioeconomic partners and beneficiaries in our country and abroad. Our institute’s research programs are continuously related to ongoing scientific paradigms of anthropology worldwide, as referred to (and integrated by) the presence of the IAFR researchers in national and international working teams and interacademic exchanges, as well as in competitions for research fellowships and grants in Romania, the European Union, and the United States of America.

Research areas, scientific research

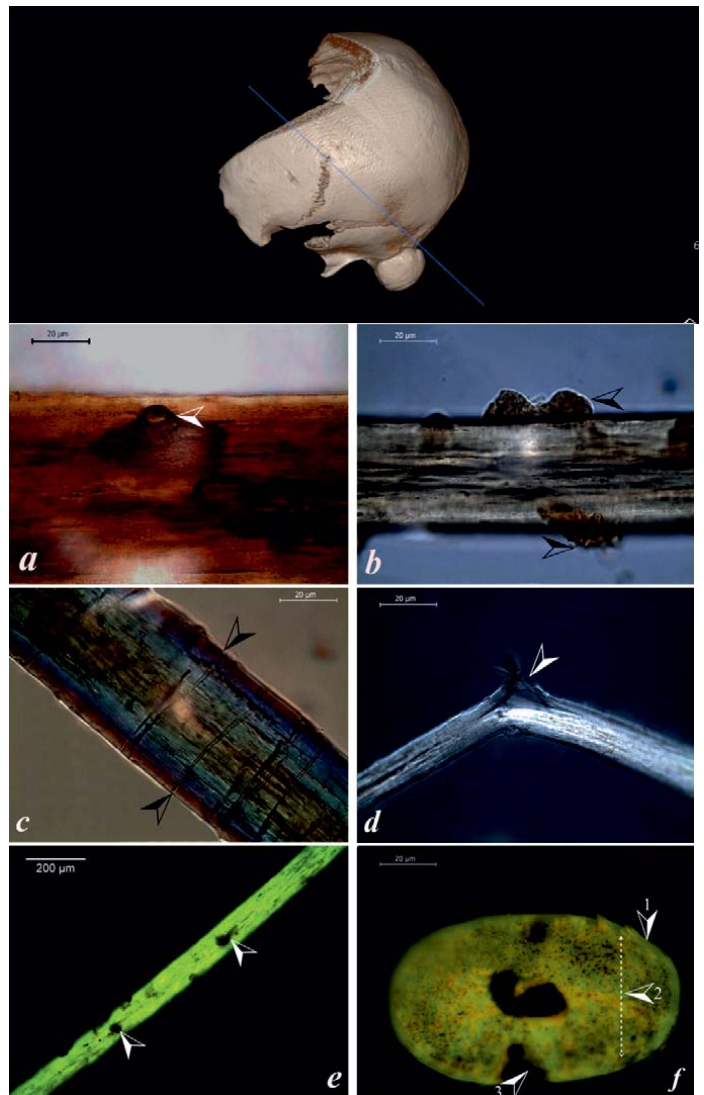
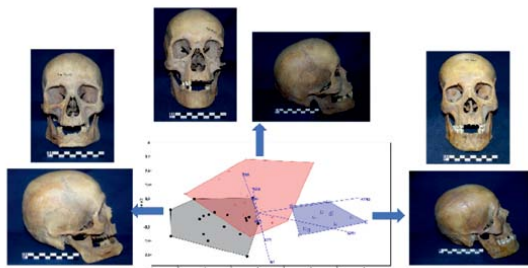
Our Department of Paleoanthropology is specialized in the areas of osteology, bioarcheology, and paleopathology. The osteological collections we rely on refer to historical periods of c. 10,000 years (dating back to the Mesolithic Age). Of a particular significance for the study of contemporary populations, our institute's craniological collection includes c. 6,800 skulls (mostly from the interwar period). The same department examines the historical contacts between autochthonous and migratory groups of populations in Romania, revealing physical and cultural (ethnic) traits of them.

The Department of Bio-medical Anthropology is basically concerned with the public health in Romania, within research programs like aging, autism, body investigations, changes in the traditional food regime, reproductive problems of modern family couples, drug addiction, health in rural and urban lifestyle changes, migration and children growth, obesity, etc. Further research is pursued on the influence of environmental changes on the state of health of rural and urban groups of population, in the context of their current ways of life and working conditions.

The SocioCultural Anthropology Department does approach a large array of themes such as kinship, traditional socioeconomic patterns (transhumance, agriculture, commerce...), national consciousness, worldview, property relations, beliefs and rituals, etc. In the same department, there has been a constant interest for the study of important personalities of Romanian culture (Dimitrie Cantemir, Mihai Eminescu, Simion Mehedinți, Lucian Blaga...), whose ideas actually have worldwide scientific relevance including cultural anthropology as a discipline able of bridging Romanian national heritage and spirituality with international sociopolitical structures and value systems.

The results of the abovementioned research programs and areas, as referred to each of our departments, have constantly been valorised and disseminated within national and international publications such as *Naturwissenschaften*, *American Journal of Physical Anthropology*, *Genome Research*, *New Europe College Yearbook*, *History and Anthropology*, *Ethnologie française*, *Practicing Anthropology*, *Nationalities Papers*, etc. Likewise, our researchers have published their works with important national and international publishers including Romanian Academy Publishing House, Routledge, Pittsburgh University Press, Berghahn Books, LitVerlag, etc. In pursuing their work, the researchers of our institute have been recognized and awarded by institutions like CNCSIS, Wenner-Gren Foundation, Firebird Foundation, Fulbright fellowship program, Marie Skłodowska-Curie fellowship program, etc.

”Olga Necrasov” Centre of Anthropological Research, Iași



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Web page: acadiasi.org/institut/

Research staff:

The research team consists of 7 members:

- Dr. habil. Luminița Bejenaru (archaeozoologist)
- Dr. Cătălin-George Fedor (sociologist)
- Dr. Vasilica-Monica Groza (anthropologist)
- Ozana-Maria Petraru – CIORPAC (anthropologist)
- Dr. Mariana Popovici (anthropologist)
- Dr. Angela Simalcsik (anthropologist)
- Dr. Robert Daniel Simalcsik (anthropologist)

The honorary coordinator of the Centre is a Professor dr. Cătălin TĂNASE, corresponding member of the Romanian Academy.

Publications:

The scientific results of the research team are disseminated in the country and abroad through numerous monographs, anthropological atlases, scientific articles published in prestigious specialized journals (*Web of Science* and *BDI*). The prestige and recognition of the scientific results were rewarded through several awards of the Romanian Academy obtained over time by the members of the Centre <https://acadiasi.org/cercetatori-2/>

Short history

“Olga Necrasov” Centre for Anthropological Research (Centrul de Cercetări Antropologice „Olga Necrasov”, CCA) was founded in 1958, under the leadership of Academician Olga Necrasov, Romanian anthropologist of international prestige, awarded in 1980 by the Société d’Anthropologie de Paris with the Broca Prize. Initially composed of only two researchers and a technician, the team grew over time, reaching 16 members in 1990. Starting from 1990, CCA became part of the Romanian Academy – Iași Branch, being under the scientific coordination of the “Francisc I. Rainer” Institute of Anthropology from Bucharest. The scientific activity of the CCA has over time included a wide range of research topics, mostly fundamental. Many of these were initiated by Academician Olga Necrasov and Dr. Maria Cristescu, and were then continued, developed, and passed on to young researchers by Dr. Maria Știrbu, Dr. Georgeta Miu, and Dan Botezatu. Between 2007-2020, CCA was coordinated by Academician Constantin Toma, and currently, starting from 2020, it is coordinated by Professor Dr. Cătălin Tănase, corresponding member of the Romanian Academy.

Research areas, scientific research

The research areas of the “Olga Necrasov” Anthropological Research Centre are physical and cultural anthropology. The Centre assumes the main mission of contributing to accumulation and dissemination of knowledge in the field of Anthropology, to promote ideas and values for the purpose of the sustainable development of society. The topics addressed, mainly of fundamental research, have an interdisciplinary character, the results contributing to the knowledge development in history, archaeology, palaeoanthropology, medicine, biology, ecology, demography, sociology. Within the CCA, the studies on the history and biology of ancient human populations that lived on the territory of Romania and Republic of Moldova have a special place. Studies of palaeodemography, paleopathology, taphonomy, palaeohistology, geometric morphometrics, statistics, and archaeozoology are carried out, all interpreted in archaeological contexts. The strategic objectives of CCA are oriented towards increasing the expertness in anthropological research, and the development of highly specialized and qualified human resources. CCA holds a paleoanthropological collection, with skeletal samples of national and international importance – a precious source of materials for new studies of archaeogenetics, stable isotopes, microscopy, geometric morphometry, etc. CCA is also concerned with diversifying its activities, by offering analysis and consulting services to some beneficiaries.

”Ștefan S. Nicolau” Institute of Virology, Bucharest



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Web page: www.virology.ro

Research staff: 30 scientists



Short history

Institute of Virology (IVN) was founded in December 1949 by Professor Ștefan S. Nicolau, a Pasteur Institute pioneer in virology, who formulated together with C. Levaditi the concept of viral oncolysis (a process by which viruses can kill tumors). With R. Portocala, N. Cajal and their students, the institute strongly prompted basic research and also launched medical virology in Romania.

What is unique about IVN is that starting from basic biomedical research, the institute initiated studies of major public health relevance, from epidemiology of viral hepatitis, measles virus infection (Nicolae Cajal and Costin Cernescu), identification of a major AIDS outbreak in children (I.V. Patrascu and S.N. Constantinescu), and reporting the HIV subtype F as the most prevalent, to the identification of West Nile virus (C. Cernescu) as the etiological agent of a large outbreak of meningoencephalitis in Romania and serving the Ministry of Health for SARS-CoV-2 variants surveillance.

Founded around the nucleus represented by one of the first inframicrobiology chairs in the world, the Institute of Virology represents the basic and applied research component of the Romanian Academy that carries out investigations, education and specialization activities in virology, cellular and molecular medicine, microbiology, immunology and biotechnologies.

Research areas, scientific research

IVN established an incubator space for collaborations with clinical hospitals, biotechnology/pharmaceutical companies, and “seeded” junior tenure-track groups on the recently modernized (by national and international grants) research area.

Organized in three major departments: Viral Emerging Diseases, Molecular Virology and Cellular and Molecular Pathology, IVN research focus is on:

- molecular epidemiology of parenterally transmitted viruses, determination of the effects of viruses’ diversity on the genetic barrier of drug resistance and viral fitness and pathogenesis;

- rational selection and efficacy estimation of personalized treatments in infectious diseases, complex disorders, oncology, resistance mechanisms and immune checkpoints;
- finding and validating new biomarkers for modeling the progression of diseases.

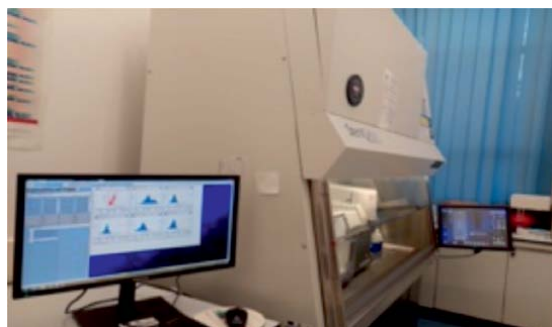
Department of Viral Emerging Diseases performs surveillance of parenterally transmitted infections, with the evaluation of circulating viral genotypes, virological monitoring of HIV infection, the natural and under treatment evolution of chronic viral hepatitis, evaluation of therapeutic options and virological and host markers influencing the treatment response. Four of the researchers are also with the Virology Chair of Carol Davila University of Medicine and Pharmacy and deliver lectures and practical training of clinical virology for medical students (1600/year) and residents in infectious diseases and microbiology (30/year).

Department of Molecular Virology has a long tradition in the molecular investigation of the oncogenesis process induced by the Human Papillomavirus (HPV). A main research direction is the investigation of epigenetic markers, noncoding RNA, and chromatin remodeling in different pathologies (cervical, larynx, mammary, thyroid and pancreatic cancer, male infertility, rare or cardiovascular diseases).

Department of Cellular and Molecular Pathology focus on establishing screening assays for antivirals and anti-tumoral medicines, post-transplant virological and immunological monitoring, intracellular signaling in myeloproliferative neoplasms (in collaboration with Ludwig Institute for Cancer Research Brussels, gastro-oesophageal and pancreatic adenocarcinomas (in collaboration with Fundeni Clinical Institute), molecular genetics of complex disorders (in collaboration with Prof. Obregia Clinical Hospital and Life and Brain Center, Bonn), regenerative cell therapy.

IVN participate in the World Health Organization's Quality Assessment Program (WHO EQAP) for the Detection of Influenza Virus Type A and B by Molecular Methods, and since 2020, to the WHO EQAP for the detection of SARS-CoV-2.

During **COVID-19 pandemic**, all the departments joined the diagnostic and surveillance effort to evaluate the kinetic of immune response after vaccine and/or natural infection; dynamic of SARS-CoV-2 mutations, isolation and characterization of SARS-CoV-2 variants.



Biomedical Research Center, Iași

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Web page: under construction

Research staff: 6

Short history

The biomedical research group in Iasi was born on January 17, 1996, with the establishment of the Experimental and Applied Physiology Laboratory, led by Acad. Ion Haulica.

In the following years, the main research directions were represented by the interdisciplinary study of the renin-angiotensin system, with publications having an important number of citations in the international flow of the specialty.

In addition, numerous studies of experimental pharmacology, experimental algesciology, pharmacometrics and adherence to drug treatment were carried out.

Starting from March 1, 2011, under the leadership of Prof. Carol Stanciu, the laboratory changes its name to the Biomedical Research Center, and in addition to continuing studies related to the renin-angiotensin system, it focuses on the study of various pathologies of a gastroenterological nature, from a perspective interdisciplinary.

Research areas, scientific research

The Biomedical Research Center is established as a fundamental research unit and clinic whose main mission is to contribute to the development of research and the dissemination of knowledge in the Medical and Biomedical field. Thus, one of the important current points of interest of the center is represented by the interactions that can occur between neuropsychiatric and gastrointestinal diseases, in recent years a significant number of works have been published in this field. In addition, our research group focused on understanding the relevance of oxidative stress in the chronicity of gastrointestinal and neuropsychiatric diseases (separately or in the multidisciplinary context mentioned above of the interactions that occur between them).

The Biomedical Research Center has a close collaboration with the University of Medicine and Pharmacy “Gr. T. Popa”, the disciplines of Gastroenterology, Physiology, Psychiatry and with Alexandru Ioan Cuza University, the discipline of Biology.

There are also numerous collaborations with research groups abroad, such as the collaboration with the MTA Hungarian Academy of Sciences, the Institute of Cognitive Neurosciences and Psychology, materialized by the publication of several scientific papers, including an article in the Nature group in 2020.

The main research themes are:

- Non-alcoholic fatty liver: prevalence, screening, risk factors, extrahepatic manifestations
- Screening of fibrosis and steatosis in the general population by elastometry (Fibroscan)
- Screening of fibrosis and steatosis in patients with type 2 diabetes

- Screening for fibrosis and steatosis in patients with chronic viral hepatitis B and C who have achieved sustained virologic response
- The study of common mechanisms related to the functionality of neuro-psychiatric and gastrointestinal diseases
- The study of some gastrointestinal manifestations in anxiety, depression and schizophrenia
- The development of animal models of gastrointestinal disorders with relevance for the metabolic modulatory effects that in the interactions between the nervous and digestive systems
- Characterization and evaluation of the effects of plant extracts in the regulation of anti-oxidant status in gastrointestinal disorders - in vitro and animal model studies.

Adherence of patients to drug treatment:

- Evaluation of patients' adherence to drug treatment and ethical issues related to it
- Research on drug prescribing practices
- Neuroscience studies:
- Painful diabetic neuropathy: pathogenesis, therapeutics and ensuring adherence to treatment
- Studies of modulatory substances of some sodium channels in pain
- Study of the biological effects of natural and synthetic cannabinoids
- The influence of SRA on neurodegenerative diseases





Section of Economic, Legal Sciences and Sociology

National Institute for Economic Research "Costin C. Kirişescu", Bucharest

The Institute of National Economy, Bucharest

Institute for Economic Forecasting, Bucharest

Institute for World Economy, Bucharest

Institute of Agricultural Economics, Bucharest

Research Institute for Quality of Life, Bucharest

Romanian Center of Comparative Economics and Consensus, Bucharest

Centre for Macroeconomic Modelling, Bucharest

Center for Demographic Research "Vladimir Trebici", Bucharest

Center for Promotion of the Renewable Energy and Energy Efficiency, Bucharest

Complex Research Center, Bucharest

Center of Industry and Services Economics, Bucharest

"Victor Slăvescu" Centre for Financial and Monetary Research, Bucharest

Centre for Mountain Economy - CE-MONT, Vatra Dornei

Economic Information and Documentation Centre, Bucharest

Center for Study and Research for AgroForestry Biodiversity "Acad. David Davidescu", Bucharest

"Acad. Andrei Rădulescu" Institute of Legal Research, Bucharest

The Center for European Legal Studies, Bucharest

"Dimitrie Gusti" National Institute of Sociology, Bucharest

The European Centre for Ethnic Studies, Bucharest

National Institute for Economic Research "Costin C. Kiriltescu", Bucharest

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Phone: +4 021- 310.01.42, 318.81.27/2007;

E-mail: office@ince.ro;

Web page: www.ince.ro;

Research staff: 271 scientific certified personnel in 11 research units;

Publications: Working papers, Studii economice, Probleme economice, Studii și cercetări economice, Seria „Tezaur INCE”, Volume I- LXXXVI (80.000 pages)



Short history

NIER was established in January 1990, returning under the aegis of the Romanian Academy in May 2020. The institute is a top ranked scientific organization, of national interest, with a fundamental research vocation in the field of economic science, which also develops applied research for the real economy and external partnerships. NIER has correlated its own scientific research plans with the strategic priority research directions included in the Scientific Research Strategy of the Romanian Academy, and also with the national and European strategies and policies in the area of science and research, assuming an inclusive role for the development and preservation of scientific heritage, institutions and national identity, by engaging and promoting projects of major interest.

The institute has a tradition of over 30 years in organizing PhD studies in Economics and since 2010, under the aegis of SCOSAAR of the Romanian Academy.

Starting with 2013, in partnership with the National Bank of Romania and the Center of Economic Information and Documentation, NIER has organized the International Conference "Economic Scientific Research - Theoretical, Empirical and Practical Approaches" – ESPERA, the most valuable papers being published yearly in the Proceedings of the Conference, indexed in prestigious international databases.

Research areas, scientific research

The main mission of NIER consists in carrying out fundamental and advanced scientific research in the following areas: sustainable development; economic, financial, ecological and social balance; exogenous shocks and resilience; globalization; European economic

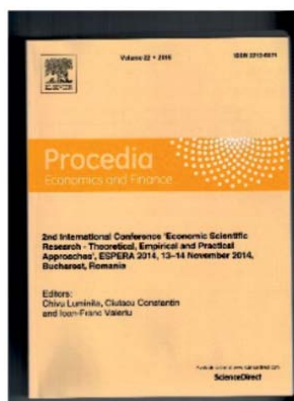
integration; nominal and real convergence; knowledge society and ICT; human capital, employment and labor market; technical progress and efficiency of production factors; macroeconomic balances and correlations; competitiveness and economic efficiency; energy strategy; economic instability and stabilization policies; budgetary balance and balance of external payments; green and digital transition; regional balances and local development; efficiency of administration and public services of general economic interest; economic indicators improvement; evaluation of financial-monetary policies and the banking system; absorption of European funds; international economic and technical-scientific relationships; economic-social modelling and forecasting tools development; energy and food security; human development, quality of life and specific policies; economic and social inequalities; demoeconomic researches and population balances; mountain economy; climate changes; bioeconomy.

To perform NIER's mission of economic and social researches, its research network include five research institutes (Institute of National Economy; Institute for Economic Forecasting; Institute of Agricultural Economics; Research Institute for Quality of Life; Institute for World Economy) and five research centres (Centre for Industry and Services Economics; "Victor Slăvescu" Centre for Financial and Monetary Research; Centre for Studies and Research on AgroForestry in Agricultural and Forestry Biodiversity "Acad. David Davidescu"; Centre of Mountain Economy; Centre for Economic Information and Documentation). Also, under NIER's umbrella five unincorporated research entities are established: Centre for Complex Researches; Romanian Centre for Comparative Economics and Consensus; Centre for Macroeconomic Modelling; Centre for Demographic Research and Centre for Renewable Energy and Energy Efficiency.

NIER always acted having in view the goal to develop and consolidate scientific competence, knowledge and skills in the field of economic scientific research in Romania.

From 1990 to the present, in all the fundamental areas of the economic and social transition in Romania, NIER was involved in the elaboration of major strategic documents and ensuring the national consensus, among these: the first Strategy of Romania's Transition to the Market Economy (1990); the National Strategy for Romania's EU Accession Preparation (1995-Snagov Declaration); National strategies for sustainable development of Romania, various editions (2003, 2005, 2008, 2016, 2021); the Strategy for Romania's Development for the next 20 Years (2017); the foundation of the National Plan for the adoption of the Euro (2018); Romanian Energy Strategy for horizon 2018-2030 and the perspectives for 2050.

NIER has also elaborated supporting studies for the development of the administrative capacity of the ministries or substantiating sustainable development strategies, energy strategies etc. at the local level, as well as for the private sector.



The Institute of National Economy, Bucharest

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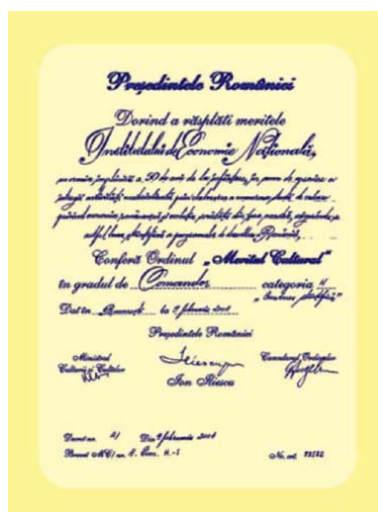
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E-mail: inst.ec.nat@gmail.com

Web page: www.ien.ro

Research staff: 60 persons

Publications: *Romanian Journal of Economics*, <https://www.revecon.ro/>, Working Papers, *Institute of National Economy*, <https://ideas.repec.org/s/ine/wpaper.html>



Short history

The Institute of National Economy (INE) is the oldest public institutional establishment for economic research in Romania, the successor of the Institute of Economic Research under the Romanian Academy (RA), established in 1953. Since 1990, it operates under the name INE, as a constituent part of the National Institute of Economic Research “Costin C. Kiritescu” within the RA.

In recognition of the exceptional results in economic scientific research, in half a century of activity, the Institute was decorated, in 2004, by the Presidency of Romania, with the highest distinction for research “Commander of the Order of Cultural Merit”.

Within the INE, prominent personalities of economic research have worked, developing schools of thought in the economic field: sustainable development and economic resilience, international commercial relations - Professor Gheorghe Zaman, corresponding member of the RA; the history of the national economy (academicians Gheorghe Zane, N.N. Constantinescu, Costin Murgescu; Victor Axinciuc, honorary member of the RA; Professor Victor Jinga, Dr. Ion Veverca); demoeconomics and economic sociology (academician Vladimir Trebici, who represented Romania at the United Nations, being the head of the UN Demographic Section for many years); statistics and econometrics: Professor Costache Moineagu, academician Aurel Iancu, Professor Egon Balaș, Dr. Tiberiu Schatteles, Dr. Marcu Horovitz.

Research areas, scientific research

INE is a fundamental and advanced economic RDI entity which studies the phenomena and processes of Romania's national economy, in the context of regional/international developments, using theoretical and practical approaches. It aims to contribute to the facilitation of technological transfer in conditions of economic-social efficiency and financial robustness, to finding the best alternatives for future macroeconomic and sectoral evolutions, according to international market requirements and perspectives, to enriching the theory of economic development and resilient growth, for social inclusion and quality of life.

INE is providing consultancy for decision making at different levels, including social partners and other market actors from the public/private business area. It also carries out related activities such as: the dissemination of research results through publications and scientific events, improvement courses, including within the Doctoral School of the Romanian Academy, in the fields of microeconomics and national/international economy, etc.

The research areas, without being limiting, consider: economic resilience; analysis of endogenous and exogenous shocks on the national economy; the effects of globalization and integration in the EU space on the performance of the national economy; digital transformation; human capital formation and use and labor market balances; demographic dynamics and population mobility; governance efficiency; the efficiency of the allocation of production factors, competitiveness and economic efficiency, energy strategy and energy security, analysis of the effects of climate change on economic and social development; macroeconomic balances and correlations, public and private financing for economic development and social inclusion; absorption of European funds; retrospective evaluation of national and universal economic thinking and policies; improvement of methods and techniques for quantitative and qualitative evaluation of economic phenomena etc.

The institute promotes complex research, with an intra-, inter-, trans- and multidisciplinary character, through cooperation within CDI networks, with partners from Romania and abroad. The research departments of INE are: Economic Development; Competitiveness, Technical progress and the knowledge-based economy; Management and institutional structures of the economy; Economy of human resources; Development and social cohesion; Economic theory, modeling and history of the national economy. INE has developed a Research Center for Sustainable Development within which it promotes research groups of excellence and specific research services, in the emerging fields of national development - migration management for the national benefit, education and skills for the digital economy, renewable energy activation for energy inclusion and independence, the valorization of natural and anthropic cultural heritage in the context of the integrated local development etc.

Institute for Economic Forecasting, Bucharest

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E-mail: ipe@ipe.ro

Web page: www.ipe.ro

Research staff: 27

Publications: *Romanian Journal of Economic Forecasting* (electronic version: Journal for Economic Forecasting), [http: www.ipe.ro/rjef.htm](http://www.ipe.ro/rjef.htm))

Short history

The Institute for Economic Forecasting (Institutul de Prognoză Economică, IPE) is one of the prestigious institutes of the Romanian Academy, with international visibility due to its research excellence standards and results. Established by the Decree 10/1990, it is at present an integral part of the National Institute of Economic Research. IPE was initially established in April 1970, under the name of Center for Forecasting Studies and Research, being part of the State Planning Committee, with the aim of building theoretical and methodological studies that use mathematical modeling for supporting economic forecasting and planning. The mission of the Institute is to enhance the contribution of the fundamental and advanced scientific research to the development of economic science in the specific field of economic modeling and forecasting, while increasing the national and international visibility of own research and researchers. Furthermore, IPE's long-term objective is to be part of the European network of macroeconomic research, formulation and analysis of economic policies.

Research areas, scientific research

The research program of IPE is permanently connected to the vital needs for the development of the Romanian society and economy. The research programs of the Institute fall within the strategic fields and directions of action of the Romanian Academy, focusing, on one hand, on the fundamental academic research, and on the other hand, on the extension of empirical and applied studies that aim to strengthen economic policies and development programs at national and regional level. The main fields in which IPE carries out scientific research projects, include: Fundamental research - macroeconomic and financial modeling, mathematical modeling of economic processes at the macro-, meso- and microeconomic level; Policy evaluation - monetary policies and fiscal policies, sustainability of public debt and budget deficits, regional development policies; Empirical studies and surveys - the determinants of households behavior; Studies and research related to sustainable development and eco-economy/bioeconomy, development and impact of biotechnologies.

IPE acts as a catalyst between the academic, public and private areas. While the fundamental research activity in the field of economic sciences is carried out based on own research programs and projects, there are also contractual partnerships with public or private entities interested in the scientific research of economic-social phenomena and processes that fall under the scope of the Institute. IPE's works contributed to several crucial documents in

the economic decision-making process in Romania. Back in 1998-2000, IPE was partner in the first Romania's National Accession to the European Union Program and co-author of Romania's EU Accession Strategy, working with foreign experts from the World Bank and the IMF. The Institute contributed to Romania's 2000 Medium-Term Development Strategy, to the Sustainable Development Strategy-Horizon 2025, to the Evaluation of the state of the national economy (ESEN), to Romania's Development Strategy for the next 20 years: 2018-2038. The Institute was involved in the development of long-term forecasts for Romania and in building econometric models for substantiating the development and competitiveness strategies for the Romanian economy.

IPE participated in numerous projects, both national (Romanian Academy grants, ANSTI, CERES, CEEEX, MENER, PNCDI-II, PODCA, POSDRU, SIPOCA) and international (PHARE-ACE Research Programme, South East Europe Programme 2007–2013, Interreg Danube Transnational Programme, 7th Framework Program (FP7) 2007-2013, Horizon 2020 and Horizon Europe). Projects with IPE's contribution were funded by the World Bank, European Commission, UNDP, GDN (Global Development Network). The international USAID project *Factors and Mechanisms of Economic Growth in Transitional Economies* in 2003-2005 provided IPE the opportunity to work with research teams from the Center for Macroeconomic Analysis and Short-Term Forecasting in Moscow and from Global Insight, USA, under the coordination of the Nobel laureate in economics, Lawrence R. Klein.

As a proof of its commitment to research excellence, the Institute publishes its own scientific journal in English, the Romanian Journal of Economic Forecasting (RJEF), on a quarterly basis. RJEF was the first Romanian Web of Science indexed journal in the economic field and continues to have a good reputation and visibility at the international level. A number of prestigious foreign economists are members of the Journal's board and act as honorary associate members of IPE's scientific committee: the 1980 Nobel laureate in economics Lawrence Klein (deceased in 2013), professors Stephen Hall (Leicester University), Ali Bayar (President of EcoMod), Wolfgang Hardle (Humboldt University, Berlin), Andre Torre (President of ERSA), Klaus F. Zimmermann (Bonn University), Chang Tsang-Yao, Kozo Mayumi, Mario Giampietro, Gérard Duchêne etc. IPE is also a member of EcoMod (Global Economic Modeling Network), GLO (Global Labor Organization), EBES (Eurasia Business and Economics Society).



Institute for World Economy, Bucharest

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Email: office@iem.ro

Web page: iem.ro

Research Staff: 42

Publications: The Institute of World Economy has in its portfolio four Academic Journals indexed in international databases:

- Global Economic Observer, www.globeco.ro
- The Journal of Global Economics, www.iem.ro/rem/index.php/REM
- Euroinfo, www.euroinfo.iem.ro
- The Evolution of Financial Markets, (<https://sites.google.com/view/pfinanciare/?pli=1>)



Short history

The Institute for World Economy (IWE) was founded in 1967. Its main goals are the study and analysis of national and international economy projects, as well as their impact. A fundamental pillar of IWE's activity is to provide useful tools for analysing the economic evolution and trends to the national authorities and support the strategies for a long-term growth of the economy.

From its founding to the present, hundreds of studies and syntheses have been created, providing important support to decision makers. Furthermore, under the IWE umbrella, researchers belonging to the Institute published numerous books and university courses that have served as the basis for professional training for multiple generations of students, in particular those enrolled in the Bucharest University of Economic Studies.

IWE has disseminated its findings through research studies, policies, by attending conferences, by publishing scientific articles in journals related to the field, as well as through programmes of interinstitutional dissemination.

At the international level IWE has collaborated with similar institutions from Eastern and Western Europe, which have proven to be essential in the thorough understanding of the economic

context of the countries involved. The analyses of economic policies and their implications for EU states are part of IWE's main research topics. IWE has disseminated its findings through research studies, policies, by attending conferences, by publishing scientific articles in journals related to the field, as well as through programmes of interinstitutional dissemination.

Research areas, scientific research

Its main objectives are focussed on studying and to analysing the national, European and international economic policies, alongside their impact. IWE is a leading organisation in economic research in Romania, linked with the Romanian Academy and provides descriptive and analytical research on topics like European integration process, banks and financial markets, trade policies, economic education, international economic and development policies, country analyses, climate changes and circular economy. The research activities are reflected in studies, working papers, policy papers, books, articles, academic conferences, seminars, and round-table discussions. IWE has a support lab for innovation and research projects and a team of experienced researchers providing a high-quality PhD program in Economics within the Romanian Academy's advanced PhD programme.

The most relevant projects of the IWE in the last 3 years:

Center of Support in the IWE for Writing Horizon 2020 Competitive Research and Innovation Projects (IWE Center). Estimated results: studies in the field of climate change and trans-disciplinary studies in the fields of food, water, energy, health, finance, investment, equity and security; workshops for the preparation of proposals for research – innovation projects; developing at European level the capacity to respond to and improve the adaption to climate change;

Enhancing Financial Integration through Financial Literacy Tools - first place at economic science competition, according to preliminary results. Proposed results: a mobile application that includes basic financial systems terms, case studies, financial news, and analysis; two scientific articles published in Web of Science indexed journals; four papers in journals included in other relevant international databases; five international conference participation; a policy research working paper on financial literacy in Romania one workshop in the fields of financial integration and financial literacy; five research exchanges or summer school participation.

DiGreen under Erasmus + **Cooperation partnerships in higher education** aims to provide professionals working in the municipality/city self-government public bodies and young citizens (students) with a framework to exchange knowledge and digital and green good practices. DiGreen provides a crosscutting teaching and education concept together with a multidimensional curriculum. It facilitates the exchange among an international network of municipalities and cities, municipalities' employees, universities, research institutions and communal practitioners on learning about green digital skills and other environmental and digital issues.



Institute of Agricultural Economics, Bucharest



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E-mail: iea@ines.ro

Web page: www.eadr.ro; www.facebook.com/eadr.ro/

Research staff: 28 researchers

Publications: *Agricultural Economics and Rural Development Journal*

<http://eadr.ro/revista.eadr.ro/revista.htm>

Short history

The Institute of Agricultural Economics (IEA-AR), a component part of the “Costin C. Kirițescu” National Institute of Economic Research (INCE), within the Romanian Academy, was established in 1990, following the reorganization of the former Institute of Agrarian Economy that had dual subordination (Academy of Agricultural and Forestry Sciences and Central Institute of Economic Research).

In the period 1990-2022, apart from the research topics within the program of INCE, researchers from the institute collaborated in research projects under the coordination of international bodies such as FAO, World Bank, European Commission. The areas in which expertise was offered within these projects refer to: contributions to the strategy regarding agriculture and rural development; analysis of the impact of the European Union enlargement on agricultural markets, farmers' incomes and consumer welfare; analysis of the impact of the Common Agricultural Policy reform; the land problem and farm consolidation; the functioning of agricultural markets and the competitiveness of Romanian agricultural products; restructuring of the agri-food processing sector; food security, the perspective of availability and stability of agricultural supply, access to food and its use.

Research areas, scientific research

The Institute of Agricultural Economics of the Romanian Academy (IEA-AR) is a leading research institution in the area of agricultural economics and rural economy in Romania. The researchers in the three departments (Agricultural markets, Rural economics and development and Farm and environmental economics) are involved in basic and applied research and development activities in the following fields: agri-food economics, food supply chains, farm management, rural development, governmental action management at sectoral and territorial level.

The main research directions focus on: prospective evaluations of the place and role of the agri-food sector in national economy; determinants of the agri-food supply and demand; dynamics of the socio-economic transformations in the rural areas; implementation of institutional patterns necessary for the dissemination of social innovation practices; determinants of sustainable rural development; assessment of the Common Agricultural Policy impact in the Romanian agriculture; assessment of the Romanian agri-food sector competitiveness on European and world markets; environmental impact of traditional and organic agriculture. Besides the theoretical expertise, the practical expertise accumulated over many years by working closely with farmers and local producers, local communities, decision makers, governmental institutions with responsibilities in the fields of agriculture, environmental protection, rural development and others, allows for an easy engagement of the research team in multidisciplinary research projects covering these major fields of interest. Consequently, IEA-AR has participated both individually and in consortiums in important international and national research projects (e.g. FP7 projects Food-secure, Compete, Sirius and H2020 projects Perceive, Sure-farm, Lift).

The dissemination of the research results is made by publishing books both in Romania and abroad, by publishing articles and studies in national and foreign specialty journals, by participating with papers in national and international symposia, conferences and congresses in the field. IEA-AR organizes and co-organizes various round tables and scientific workshops every year, as well as an international conference, and publishes the “Agricultural Economics and Rural Development” journal, indexed in several international databases.

Research Institute for Quality of Life, Bucharest



Address: Casa Academiei Române, 13 Calea 13 Septembrie, 2nd floor, 5th District, 050711 Bucharest

Phone: 021-318 24 61

E-mail: secretariat.iccv@gmail.com

Web page: www.iccv.ro/en/iccv-en/

Research staff: 60 researchers (of which 11 assistant researchers)

Publications: <http://www.iccv.ro/en/publications/>

Short history

The Research Institute for Quality of Life (RIQL) was established by Governmental Resolution on January 2, 1990, being amongst the first research institutes newly established after the December 1989 Revolution. RIQL is included in the research network of the Romanian Academy of Science and a member of the National Institute for Economic Research "Costin C. Kirițescu". With its 65 employees, from among which 49 scientific researches, 11 research assistants and 5 technical-administrative staff members, the RIQL is one of the most important research institutes in the social field from Romania. Our researchers have a high level of expertise in social sciences and are part of important national and international research networks and projects among which those funded by European Union/European Commission as well as many other local and international sources.

As of its establishment, RIQL has opened new research directions in Romania and brought essential contributions to developing several research fields. RIQL was involved at the same time in drafting the legislation in the social field.

Research areas, scientific research

RIQL assumed right from the beginning the responsibility of designing its entire activity on two complementary research directions: theoretic and methodologic development in our field of interest, and contributing to the good functioning/development of our society. RIQL is a leading research institute in the field of quality of life and social policy. It combines an already valuable tradition in social research with a modern outlook, while carrying out both fundamental and applied research. A main focus of research has been transition analysis as well as social change in the long term in Romania.

Our institute is dedicated to research in two key areas: quality of life and social policy as well as in the major subsequent topics: health, education, employment and working conditions, housing, family, poverty and living standards, public services, social development, social economy. More than 220 books and over 1000 articles have been published, many of which in prestigious publishing houses and highly ranked journals. Moreover, we publish a series of social reports dedicated to policy makers and the general public.

Apart from undertaking fundamental research, RIQL actively contributes to the debate on the current social issues of our time and provides knowledge that can assist in the development of better policies. The institute's contribution in supporting policy making is visible in the National Strategy on Social Inclusion and Poverty Reduction, The Joint Inclusion Memorandum, as well as various pieces of legislation on employment, social benefits, social assistance, and education.

RIQL contributed to evaluating the social state of the Romanian society, and in drafting and assessing the social policies with the global goal of building up a good society. We paid special attention at the same time to social issues that Romania is faced with and we explored the solutions: the issue of poverty, the condition and social-economic issues of the Roma population, of children in poverty or even abandoned, and of the migrants.

Over the last years, we developed a paradigm that we see as one of future: theoretic and methodological tools for *development/ designed social change*.

RIQL had the merit of a pioneering role for the majority of approached research issues, consolidating its competence in crucial research/social development fields.

Romanian Center of Comparative Economics and Consensus, Bucharest



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Phone: +4021 318 81 06/2035, 2036

Phone/Fax: +4021 318 24 12

E-mail: cide90@gmail.com

Web page: www.ince.ro

Research staff: 1 researcher, 1 documentarian

Publications: *Nobel Laureates in Economics. Reception speeches; New Encyclopedia of Romania. Encyclopedic knowledge of Romania; Comparative Economic and Consensus Series.*

Short history

Romanian Center of Comparative and Consensus Economics (CRECC) is a research entity without legal personality, functioning under the authority and scientific coordination of the “Costin C. Kirițescu” National Institute of Economic Research (INCE), within the Romanian Academy. Founded in 1999 by acad. Tudorel Postolache it is now coordinated by prof. dr. Valeriu Ioan-Franc, corresponding member of the Romanian Academy.

Research areas, scientific research

Romanian Center of Comparative and Consensus Economics (CRECC) is collecting, storing, processing and disseminating the results of retrospective thematic bibliographic research.

The priority operational programs of CRECC are:

Continuation the editing of the *Workbooks of the Romania New Encyclopedia* (project in collaboration with the Centre for Economic Information and Documentation and the research institutes of the INCE structure):

The evolution of the technical education system in Romania in the context of the development of the national industry;

Romania's economic progress in secular statistical series 1860-2010,

Vol. III-Services;

Rural development research in Romania: concepts, methods, developments, results;

Investment flows in the Romanian economy in the period 2000-2019.

The Center is also doing bibliographic, thematic and retrospective research for the inventory and processing of Romanian encyclopedic contributions: monographs, bibliographies, sectoral encyclopedias, general or thematic encyclopedic dictionaries (multiannual theme).

Centre for Macroeconomic Modelling, Bucharest

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Web page: cmm.ince.ro

Research staff: 2

Short history

The Macroeconomic Modelling Centre was founded in December 2008 as an institutional support to the Macroeconomic Modelling Seminar, founded by Academician Emilian Dobrescu in 1990 as a department of National Institute of Economic Research.

The Seminar had, usually, two parts, the first part was mainly formative in nature, its curriculum focused on the following thematic areas: modern econometric techniques with emphasis on time series, national accounts, input-output analysis, theoretical and empirical macroeconomic modelling and forecasting, utilization of advanced computing software. The second was reserved for personal communications (including doctoral and post-doctoral work) circumscribed in quantitative economic analysis.

Since 2014 the seminar became an instrument of the INCE in the beginning and later the Romanian Academy Doctoral Program, training doctoral students into the use of modern econometric techniques.

The Center is also an attractor for various prestigious researchers from INCE, IPE, National Bank, National Statistical Institute, National Strategy and Forecast Commission.

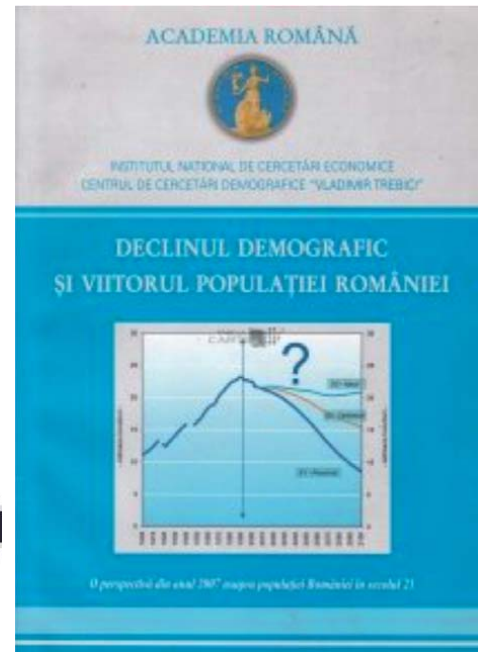
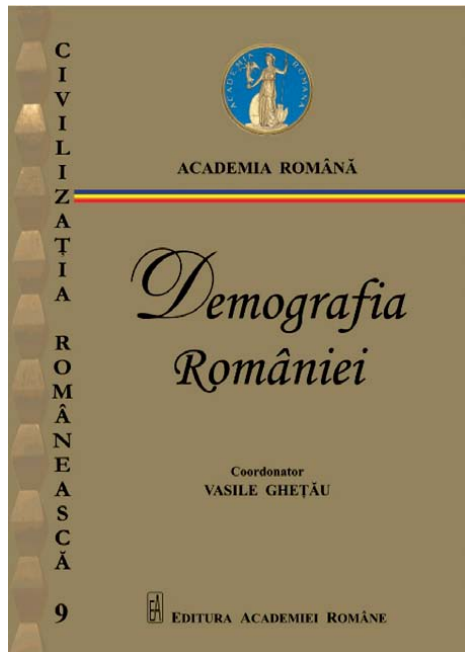
Research areas, scientific research

Although the Center is one of the youngest entities in the National Institute of Economic Research it has a tradition of producing integrated systems of macroeconomic models. An important area of interest for the Centre is the substantiation of new versions of the annual macromodel that will deepen the functional characteristics of the Romanian economy as an entity of European Union. Among the blocks of the model, the Input-Output system plays a major role since it provides a sectorial image of the economy. The models are employed in developing forecasts, and testing the implications of different scenarios of macroeconomic policies.

The increased utilization of modern econometrics and other quantitative techniques (Monte Carlo experiments, neural networks, genetic algorithms, bayesian statistics, etc) is another research interest of the center. Our researchers and associate researchers are interested in presenting econometric methods applied to both micro-economic and macro-economic data, together with their properties and applications.

Finance, financial econometrics and investment is another research area pursued by researchers of our Centre, with accent on modelling volatility, risk, financial crises, contagion and financial flights. The research agenda on the econometric modelling of risk from the perspective of financial crises, contagion, systemic risk, capital flows and volatility uses finance specific techniques of data sampled at small time intervals will be expanded with possible applications in the artificial intelligence and big data fields.

Center for Demographic Research “Vladimir Trebici”, Bucharest



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Phone: 021 318 81 06 / 3200

E-mail: ccd@ince.ro

Web page: www.ince.ro

Research staff: 8 researchers

Short history

Center for Demographic Research „V. Trebici” (CDR) was created in 1995, as an entity within the National Institute for Economic Research “Costin C. Kirilțescu (NIER), of the Romanian Academy. The Center has the mission to carry out fundamental research on demographic phenomena, but also develops applied research, at the request of NIER, institutes and centers within NIER or with public and private research entities.

CDR correlates its own research strategy with the mission of NIER as well as with the strategic fields and priority directions of the research enrolled in the “Strategy of Scientific Research in the Romanian Academy “.

In accordance with the Constitutive Act and the Regulation of Organization and Operation, CDR has focused its research activity in recent years on the study of demographic phenomena as well as on the implications of their evolution on some economic, social and environmental. CRD was awarded with Pierre Werner anniversary medal on the occasion of 25 years of activity in academic research (November 2015).

Research areas, scientific research

Priority research directions for CDR include demo economic research, current situation and prospects of population balance in Romania; development and creation of new econometric and methodological tools for the analysis of demographic phenomena; demographic implications for Romania's sustainable development, internal population flows (intercountry and interregional) and their impact on economic development, retrospective research on the evaluation of international experiences on contemporary demographic trends and policies for improving birth rates, qualitative research on intergenerational interactions, including societal support for vulnerable groups.

Research projects

- The national and international demographic situation
- Perspectives of the Romanian population
- Population policies
- The demographic dimension of regionalization
- Historical demography
- Multidimensional Statistics of Demographic Trends.
- Dynamics of the demographic balance in Romania (multiannual theme).
- The design and elaboration of local development strategies from the perspective of human development.

Books (most relevant)

- "Demography of Romania" Romanian Academy Publishing House, "Romanian Civilization", Vasile Ghetau, series, no. 9, 2018
- "Demographic decline and the future of the Romanian population. A perspective from 2007 on the population of Romania in the 21st century", Vasile Ghetau

Scientific manifestations

- The series of scientific debates subsumed under the theme: " Highlights of demo-economic evolutions ";
- Organization and coordination of Parallel Session 12: Demoeconomic cycles and transitions, the annual International Conference - ESPERA;
- Organization and coordination of the parallel Sessions 2D, 3B, 4B Demography, The annual International Conference Statistical Modeling with Applications - StatMod.

Center for Promotion of the Renewable Energy and Energy Efficiency, Bucharest



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Web page: www.ince.ro

Research staff: 9 researchers (from which 5 associated)

Publications: n.a

Short history

The Center for Promotion of Renewable Energy and Energy Efficiency (Centrul pentru Promovarea Energiilor Regenerabile și Eficiență Energetică, CPEREE) is a research entity without legal personality, functioning under the authority and scientific coordination of the “Costin C. Kirițescu” National Institute of Economic Research (INCE), within the Romanian Academy. Founded on the 20th May 2008 by the decision of the Presidium of the Romanian Academy, the research center has a tradition in carrying out fundamental and applied research pieces in the field of renewable energy and energy efficiency, and adjacent topics related to energy. The CPEREE’s main mission is the investigating, researching, dissemination, aggregation and valorization of knowledge results in areas of renewables and energy efficiency from both of national, European and global perspective. The Center’s main research themes are mainly the renewable energy, energy efficiency and complementary topics, which periodically are adjusted and amended according to the international trends, calls for projects application, main strategic frameworks in renewable energy domain, with the new domestic research developments and requests in field of clean energy production policies and adherent with the “Costin C. Kirițescu” National Institute of Economic Research (INCE) main research goals.

The Center has participated in numerous research programs, both domestic and international and carried out or implemented relevant researches in its competence research area. Also, as recognition of its highly scientific visibility and for the qualitative researches, CPEREE was

accepted as member in numerous national and international organizations and associations such as The Romanian National Committee of the World Energy Council (CNR-CME). The CPEREE has now three main consolidated directions of activity: the research one (with specific and dedicated research theme, strategic program and projects' development), the second one relies on knowledge transfer and dissemination (oriented towards the increasing the public awareness, publication and presentation of scientific results, organizing scientific events), and the third one (dedicated to provide services, analysis and consultancy for companies and market based players).

Research areas, scientific research

As a research center dedicated to the promotion of renewable energy and energy efficiency, the Center fundamental goal is to promote research, innovation, scientific transfer, and contribute to the main public trendline debates by providing an integrative approach regarding the efficient use of energy, the impact of energy on climate change, renewables and clean energy sources. Additionally, CPEREE aims to increase the public's awareness to renewable energy and energy efficiency through studies, analysis, and scientific events, to support transparent research and to highlight the main tendencies in the field. Most of the CPEREE's activities are enrolled within the INCE main research framework or strategic plans, with the European research and promotion programmes, as well as within other international actions or projects or financed under the Executive Unit for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI). The CPEREE's key areas of expertise and research are dedicated to investigating the promotion and development of the renewable energy and clean and energy sources, energy efficiency and also the sustainable energy production from fossil fuels, in the extended context of energy transition, strategic autonomy, and energy security and sustainable supply.

The mission and main research directions of the Center are focused, but not limited, to aspects regarding the integrative approach of the objectives regarding climate impact of energy, the use of renewable energy, energy efficiency, as well as the promotion of new directions in field of clean and renewable energies according to the main trends in domestic and international research along with the development of inter and trans-disciplinary research and development of strategic planning tools and models in designing new renewable energy approaches. A dedicated dimension in the CPEREE's activity is the collaboration expanding within the economic, social and business environment in order to increase the capacity to attract national and international funding sources, including private research grants.

Complex Research Center, Bucharest

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Research staff: scientific coordinator Acad. Aurel Iancu; 5 research staff

Publications: Working Papers indexed in:



and Studii economice, indexed in: 

Short history

The Complex Research Center was established in January 1990 as a group of economic research and for coordinating the research programs within the National Institute of Economic Research (NIER).

Mission

The group of complex research became "The Complex Research Center" and for coordinating the economic research, unincorporated, with the main mission as follows: a) the accumulation and dissemination of knowledge obtained through fundamental and empirical research based on the strategic programs of economic and social development of Romania in the new European context; b) participation in the consolidation of the educational programs of the doctoral and post-doctoral school of NIER and the Romanian Academy through the participation of senior researchers in teaching advanced economics courses and guiding the development of doctoral theses and postdoctoral studies; c) coordinating and participating in the elaboration of studies and scientific debates on economic and financial issues regarding Romania's integration into the Economic and Monetary Union.

Research areas, scientific research

A. The Center promotes and coordinates advanced, interdisciplinary, multidisciplinary scientific research, as well as research at the frontiers of knowledge, developing new research directions and new conjectures. The Center uses and promotes scientific methods and techniques of quantitative and qualitative analysis and emphasizes the preventive and exploratory side, taking into account the cyclical and stochastic character of the evolution of economic and social phenomena. The Center systematically promotes applied research regarding the analysis of macroeconomic, fiscal and financial imbalances, as well as the manifestations of periodic instability, the causes and determining factors, and recovery and resilience policies.

B. The Center (through the NIER management team integrated as research tasks within the Center) defines the strategic guidelines regarding the scientific research carried out in NIER.

In formulating the medium-term research program and the general approach to this program, the following requirements are taken into account: i) Romania's enrollment in the objectives of the European Green Pact; ii) the development and modernization of the economy, the institutional, social and educational environment under the conditions of digitization and assimilation of new technologies, as well as of new industries that ensure the higher capitalization of resources, the recovery of external trade and current account balances; iii) ensuring a healthy economic growth, able to raise the standard of living and the quality of life; iv) Romania's integration into the euro zone; v) the assessment of Romania's national wealth and the maximum efficiency of natural, human and capital resources; vi) assessment of the stage and effects of digitization and analysis of developments in the fields of demographics, employment and income, education, health, energy, environment, agriculture and food security; vii) analysis of economic and monetary imbalances, as well as inflation; viii) analysis and evaluation of the euro monetary system and the phenomena and effects generated by financial and monetary instability.

C. The elaboration and launch, annually, of a paper on the Evaluation of the national economy state under the aegis of NIER (including the institutes/centers in its network), in collaboration with the National Institute of Statistics.

D. Re-editing of relevant works by Romanian authors in the Publishing House of the Romanian Academy or/and online in a special collection of NIER and in international databases.

Center of Industry and Services Economics, Bucharest

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Phone: 0403188106 extension 3130/3131

E-mail: office@iei.ro

Web page: www.iei.ro

Research staff: 14

Short history

Center of Industry and Services Economics (CISE), component of the *National Institute of Economic Researches „Costin C. Kirițescu”(NIER)* - institute of national interest, with a vocation for fundamental and applied research in the field of economic science, within the *Department of Economic and Juridical Sciences and Sociology of the Romanian Academy* - , was established by the Decision of the *Government of Romania* no. 1366 of December 27, 2001, being the only scientific research institution in the country with such a vocation. *CISE* is accredited as a component institution of the national *Research-Development-Innovation* system by Decision no. 9688 of June 30, 2008 of the President of the *National Authority for Scientific Research*.

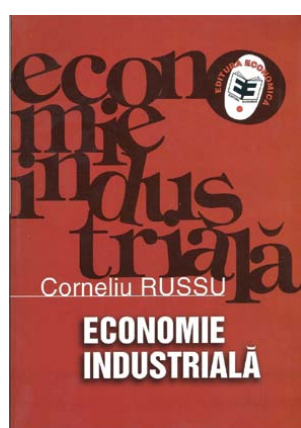
Research areas, scientific research

Along with the other institutes and research centers within *NIER*, *CISE* aims to develop and consolidate knowledge and scientific competence and professionalism in the area of economic scientific research in Romania and internationally.

The mission of *CISE* is to carry out fundamental and applied research within national and international programs whose themes take into account the current and future vectors of economic research in developed countries. The development of large-scale works will constitute a severe test of the analytical and creative capacity of the researchers to approach the issue of restructuring the Romanian industry and services in a comprehensive and coherent vision. In doing this, the research projects are, and will still be, oriented both in terms of theoretical and methodological developments, as well as of applicative one for the evaluation, design, and foundation of certain policies and strategies for the development at the company, department/branch, regional, national, and single European market level, worldwide, in the following directions/subfields of economic scientific research: economy of the extractive industry; economy of the manufacturing industry; energy policies; industrial strategies and policies; transport economics; environmental economics; environmental protection policies; microeconomics; industrial management; regional development; economy of services and information society; sustainable development, etc. The dominance of the activity carried out by *CISE* researchers is the participation in research programs of national interest, initiated by the *Romanian Academy* and *NIER*, among which we mention: *Assessment of the State of the National Economy (ESEN I, ESEN II and ESEN III)*; *Interdisciplinary Program for the Prevention of phenomena with major risk on a national scale*; *Economy based on knowledge and innovation. Research, development and innovation for prospecting and European integration*; *The sustainable development of Romania*; *The development strategy of Romania*

in the next 20 years: 2016-2035; the New Encyclopedia of Romania; Consolidation of Romania's economic and monetary convergence with the member states of the European Union - A necessary step; The Program of the Romanian Academy to celebrate the Centenary of the Great Union - finalized by the Department of Economic and Juridical Sciences and Sociology of the Romanian Academy with an outstanding treatise: The Economy of Romania. A century of transformations (1918-2018); and SARS-CoV-2: Involvement of the Romanian Academy - within which CISE developed two studies: The impact of COVID-19 pandemic on some economic activities in the field of industry and The impact of COVID-19 pandemic on some economic activities in the fields of services and small and medium enterprises.

Starting with 2014, economic research in the Romanian Academy is an integral part of the strategic fields and priority directions that make up the *Scientific Research Strategy in the Romanian Academy 2014-2020*, a strategy that promotes a series of projects of major interest in correlation with national and European strategies and policies in the field of science and research. We highlight the participation of *CISE* in numerous research projects, within several priority research directions of *Strategic Domain 6. Research for the sustainable development of the country (economic, social, legal, and environmental)* of the strategy mentioned above. As is natural, a constant dimension of the activity carried out has been the concern of the researchers to capitalize on the research results, at national and international level, a fact that has been materialized in the publication of articles in prestigious journals, books and chapters in books at well-known publishing houses, and in presenting papers at various renowned conferences and symposia.



“Victor Slăvescu” Centre for Financial and Monetary Research, Bucharest



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Phone: +4 021 318 24 19

E-mail: icfm01@icfm.ro

Web page: www.icfm.ro

Research staff: 19 researchers

Publications: *Financial Studies* (www.icfm.ro/fs.icfm.ro) and *Journal of Financial and Monetary Economics* (www.icfm.ro/jfme.icfm.ro)

Short history

Financial research at the institutional level originated in the early 1970s, when the *Price Research Centre*, attached to the State Price Committee (1971), and the *Centre of Financial Research*, attached to the Ministry of Finance (1973), were established by decisions of the Government. Since 1977, the *Institute of Finance, Monetary Circulation and Prices* has been established by merging the two centres. The new entity operated under the Ministry of Finance and the coordination of the Central Institute of Economic Research until December 1989. By Decree no. 10/1990 of the National Salvation Council, it goes under the name *Institute of Finance, Prices and Currency Problems*, within the National Institute of Economic Research and subordinated to the Romanian Academy. Since 1998, the institute has been renamed *Institute of Financial and Monetary Research – “Victor Slăvescu”*. Under the current name, “Victor Slăvescu” *Financial and Monetary Research Centre*, the institution has been operating since 2001. The institution is a Romanian legal entity of public interest with financial and functional autonomy. The provisions of the normative establishment act, the Statute of the Romanian Academy, the general and particular applicable legal norms, and its regulations adopted within its authority and autonomy limits conferred by law represent its operating norms.

Research areas, scientific research

The activity before 1990 materialised in research works included in the annual plans at the request of the tutelary bodies and the Central Institute of Economic Research. The institution trained researchers and specialists that, in the new historical conditions, contributed to formulating the strategy of transition to the market economy and subsequent reform programs. Many researchers were attracted to essential positions in the new structures of the National Bank of Romania, the Ministry of Finance, etc. Later, the Centre's activity was registered in the scope of fundamental and applied research in the fields of financial-monetary, fiscal-budgetary and the financing of the economy from the perspective of an integrative economic approach, aiming to increase the level of knowledge covering financial and fiscal phenomena and processes, and the functioning and adjustment of the market's mechanisms.

Research is carried out based on projects included in fundamental and/or priority programs or strategic directions of the Romanian Academy and/or the "Costin C. Kirişescu" National Institute of Economic Research. The Centre may conduct its research programs, approved by supervisory institutions, as well as based on contracts with public and private entities, under the conditions of the legislation in force. In line with his expertise, the Centre elaborates reports of public importance and participates in the national debate on the topics that concern economic development, reforms and integration in the European Union. The research structure follows trends and the progress of ideas in the field of reference and is oriented in three main directions of fundamental and applied scientific research:

- financial-monetary studies: monetary theories, modelling, monetary market and policy instruments, central banks, globalisation, nominal and real convergence;
- fiscal-budgetary studies: theory of taxation, fiscal policy, deficits, national and global taxation trends and characteristics;
- micro and macroeconomic financing studies: scientific foundation, design and development of the financing system by domain, circular and environmental economics and their implications on the financial system and economic growth, the determining factors for a competitive environment.

The Centre is active in the current debate by publishing its journals and pursuing the continuous growth of scientific performance. It trains researchers, supports their career development, and cooperates with higher education institutions through internships, advisory committees in doctoral programs, and expertise in postdoctoral programs. The Centre encourages knowledge and methodological skills accumulation and supports research results dissemination by organising conferences and debates. The Centre is concerned with widening contacts with institutions and researchers from abroad, looking for integration into the international scientific community.

Centre for Mountain Economy - CE-MONT, Vatra Dornei



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Web page: www.ce-mont.ro

Research staff: 30 researchers.

Publications: *Journal of Montology*; the “Mountain Life” newspaper.

Brief history

The Centre for Mountain Economy (CE-MONT) was established in 2008 as a mountain research entity within the “Costin C. Kirițescu” National Institute for Economic Research of the Romanian Academy. Its main objective is to conduct fundamental and applied studies and research’s able to provide scientific information for the elaboration of policies and strategies for the protection and economic-social-cultural development of mountain areas in Romania and to contribute to the realization of “pilot” objectives and to the design of programmes and normative acts with sustainable effects.

As of 2019: CE-MONT has acquired legal personality, with activity in institutional and scientific “pioneering” conditions.

In 2012, through a project under the Sectorial Operational Programme “Increasing Economic Competitiveness”, co-financed by the European Regional Development Fund “Investments for your future”, the new headquarters of CE-MONT (6.8 million euros) was built in Vatra Dornei, Petreni Street, no. 49, with the completion and start of scientific activity in 2015 and the successful final evaluation in 2021.

In 2022, CE-MONT has signed Cooperation Agreements with twelve universities, three institutes, the National Mountain Area Agency (NMAA) and the Romanian Mountain Forum (“pro-mountain” civil society representative).

• In 2022, CE-MONT has the “*Journal of Montology*” (No. XV), with more than 150 scientific papers published after 2015, presented at the 14 scientific conferences and 20 seminars of

the “Academic School of Montology”. Also, the “Mountain Life” newspaper, as a means of disseminating knowledge and useful information to form a “mountain culture”. CE-MONT researchers have obtained 2 ASAS awards and one RA award.

CE-MONT VISION: Development of the multi, inter and transdisciplinary scientific research capacity of the National Institute for Economic Research “Costin C. Kirițescu” in a holistic vision, in the mountain-specific economic-social-cultural and environmental fields, aiming at fundamental and applied scientific research, following the concept of montological research, conducted in 11 research laboratories.

THE CE-MONT MISSION includes knowledge of the resources and specificity of mountain activities and way of life, contributions to increasing research and knowledge capacity in a deficient field, to increasing scientific competitiveness at international level, by amplifying and disseminating knowledge on a vast area marked by accentuated specificity, with wide differences from the plain/hilly areas, insufficiently studied, training young researchers, highlighting good traditional and modern practices, facilitating information exchange in Romania, the European Union and internationally. CE-MONT’s mission is of current and future importance, given the increasing importance of the mountains under the effect of climate change and demographic evolution, as a significant and renewable food, water, energy, labour and carbon absorption resource, with contributions to the formation, development and dissemination of a “mountain culture” in Romania and generally.

- Through CE-MONT, the Romanian Academy’s INCE was also connected to the scientific network NEMOR (Network for European Mountain Research), dedicated to EU mountain areas, which will allow a faster evolution in increasing the quality of scientific research, the creative participation of Romanian research in the implementation of balanced solutions, protecting the mountain population, traditions and environment.

Since 2020, CE-MONT has also been connected to the global research network, through the International Engineering Technology Institute (IETI) Hong Kong and Denver, US, and the International Institute of Economic Management (IRIEM), by electing CE-MONT’s director, Prof.Dr.h.c. Radu Rey, honorary member of the Romanian Academy, as a director on the IRIEM board. In 2022, he was appointed as representative of the Romanian Academy in the National Mountain Council, chaired by the Prime Minister.

In its evolution, CE-MONT is to become a main actor in the elaboration and support of fundamental changes, by providing proposals for new strategies and policies aimed at better valorisation of mountain resources, a useful collaborator for decision makers.

Economic Information and Documentation Centre, Bucharest

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Web page: www.cide.ro

Research staff: 5 certified researchers, 12 editors, documentarians and DTP specialists

Publications: *Economical Problems*; *Economic Studies and Research*

Short history

The Centre for Economic Information and Documentation - CIDE - is a research and information-documentation unit in the field of economics, within the structure of the “Costin C. Kirițescu” National Institute for Economic Research (INCE) of the Romanian Academy, since 1990, the year when economic research was restructured and reorganized in Romania.

Research areas, scientific research

Creation and management of databases and bio-bibliographical information; thematic bibliographical and retrospective documentary research; translations and retroversions for the benefit of the institutes and researchers of the INCE structure; exploitation of the results of academic scientific research in the field of economics through publication and dissemination to interested circles at home and abroad; editing of primary and secondary publications of an informational and documentary nature.

The Centre for Economic Information and Documentation (CIDE) provides information and facilitates documentation of economic scientific research, edits and exploits - through publication and promotion in scientific circles at home and abroad - the results of research conducted in the INCE component institutes, by publishing fundamental works.

In accordance with its own research programmes, CIDE contributes to the enhancement of modern and contemporary economic thinking, the automatic exploitation of the INCE Library's bibliographic collection, the construction of an internal citation system of INCE researchers' contributions to economic science, the construction of the “Thesaurus” documentary base, as well as the collection of edited works for the valorisation of projects carried out within the framework of national competitions for priority and excellence projects: Nobel laureates in economics (publication of the laureates' acceptance speeches); Roegenian epistemology (publication of the complete work of Nicholas Georgescu-Roegen in Romanian; encyclopaedic knowledge of Romania.

It edits primary publications of economic information and documentation for the exploitation of the results of scientific research carried out in the component institutes of INCE: “Economic Problems” and “Economic Studies and Research”, published online since 2015.

It also edits the publications of INCE's component institutes: “*Romanian Journal of Economics*” - two issues supported by the Institute of National Economy, indexed in 6 international databases; “*Romanian Journal of Economic Forecasting*”, indexed ISI Thomson,

four issues and thematic supplement, publication of the Institute of Economic Forecasting; CIDE is the main co-organiser of the annual International Conference of INCE - ESPERA, with appreciated contributions and important thematic and methodological participations. CIDE facilitates the documentation, translation or scientific control of translations for publication in the world network of papers, the editorial composition and the editorial complex of the supporting and promoting materials of the conference (programme, publicity materials, national and international correspondence, etc.).

It carries out annual operational exchanges of information with partners at home and abroad, hence, the results of INCE research are included in the information circuits and its documentary base is enriched by the materials received in exchange.

The “Pierre Werner” Centre for Romania-Luxembourg Studies and Documentation has been operating since 1994 within INCE-CIDE and has become a nationally and internationally recognised institution for cooperation and collaboration between Romania and the Grand Duchy of Luxembourg and beyond, hosting an impressive number of scientific events over more than two decades of activity. The Centre was visited on several occasions by high European dignitaries.

On 29 December 2013, the centenary of the birth of Pierre Werner, honorary member of the Romanian Academy, the Centre issued the anniversary medal, which was publicly presented at the General Assembly of the Romanian Academy on 15 January 2014, the National Culture Day. The medal is awarded annually to outstanding personalities of culture and science from home and abroad.

Center for Study and Research for AgroForestry Biodiversity “Acad. David Davidescu”, Bucharest



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Phone: 021 318 81 06 int. 3546 / 3541, mobile phone : 0774 499 256

E-mail: cscbas@ince.ro

Web page: www.biodiversitateagrosilvica.ro

Research staff: 10 researchers and 15 associate researchers

History

Center for Study and Research for Agroforestry Biodiversity “Acad. David Davidescu” (CSCBAS), established by Decision no. 982/19.10.2006 of the President of the Romanian Academy, is a public institution with legal personality under the “Costin C. Kirițescu” National Institute of Economic Research of the Romanian Academy.

The mission of the Center for Study and Research for Agroforestry Biodiversity “Acad. David Davidescu” is to contribute to the development and consolidation of competence in the field of scientific research in Romania by:

- carrying out fundamental and advanced scientific research for the development of the fields of agricultural and forestry biodiversity, sustainable development, and ecological reconstruction, in different ecosystems;
- the development and preservation of the scientific heritage, by generating, identifying, engaging, and promoting projects of major interest;
- applied research for the implementation, development and increase of bioeconomic efficiency in anthropogenic ecosystems, highlighting the biodiversity of agroecosystems, the superior valorization of the territorial capital and the Romanian natural heritage;
- the development of programs for scientific research, innovation and technological transfer in the fields of interest, as well as in related fields, for the purpose of the sustainable development of agroforestry biodiversity;
- participation in the elaboration of studies, programs, and support works for sectoral and national research and development strategies;

- active involvement in studies and analyzes for the foundation and support of legislative initiatives and development policies, providing consultancy and expertise to assist the activity of the legislature and the executive.

CSCBAS main objectives are the following:

- Research activities carried out on projects included in the research programs of the National Institute of Economic Research of the Romanian Academy, programs targeted annually by the Department of Economic, Legal and Sociological Sciences and the Department of Agricultural and Forestry Sciences of the Romanian Academy and financed by the budget of the Romanian Academy.
- Activities to capitalize on research results that include:
 - » Research activities carried out based on contracts with public or private partners interested in studying phenomena and processes revolving around the scientific objective of CSCBAS.
 - » Other activities for capitalizing on research results: consultancy, analyses, scientific studies; organization of scientific events; obtaining and assigning copyright.

The CSCBAS research structure includes the following sectors:

- Agricultural biodiversity;
- Ecological reconstruction and sustainable development;
- Forest biodiversity.

The professional backgrounds of the researchers working within the Center (employees and/or associates) include a broad range of specializations from CSCBAS's areas of interest, that collaborate to develop interdisciplinary and multidisciplinary studies and research (additional information can be found on the institution's website).

“Acad. Andrei Rădulescu” Institute of Legal Research, Bucharest



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E-mail: juridic_institut@yahoo.com

Web page: www.icj.ro

Research staff: 15

Publications: „*Studies and Legal Research*”, <http://www.rscj.ro/>

Short history

The Institute of Legal Research “Acad. Andrei Rădulescu” (Institutul de Cercetări Juridice „Acad. Andrei Rădulescu”, ICJ) is an Institute of excellence of the Romanian Academy. Established (founded in 1954), it functions as the only fundamental scientific research unit at the national level in the field of law, with the role of general coordination of this activity under the auspices of the Romanian Academy. Its main purpose is the in depth and systematic analysis of the legal-legislative phenomenon, in order to extract and present both theoretical-fundamental conclusions regarding the essence, functions and purpose of legal principles and institutions, as well as applied conclusions aimed at facilitating the understanding of the meanings and concrete application of the *Rules of Law*.

The Institute of Legal Research “Acad. Andrei Rădulescu” of the Romanian Academy, as part of the research structure system, has the legal status of an institute qualified for the organization of doctoral university studies (IOD-AR) within the Doctoral School of the Romanian Academy, (“School of Advanced Studies of the Romanian Academy “ – SCOSAAR). Doctoral studies in the field of “*Law*” are taken under the form of full-time education, with a duration of 3 years, without a stipend.

Research areas, scientific research, valorization of research:

The field of fundamental scientific research includes all branches of law and related fields: philosophy and sociology of law, constitutional law, administrative law, civil law, criminal

law, business law, labor law, environmental and climate law, EU law, public international law, criminology, etc. In this context, the Institute participates in the research programs of the Romanian Academy, in the realization of other scientific projects of general interest and cooperates in the development of relevant European initiatives. A constant concern is the knowledge and valorization of the national cultural and legal heritage, through the publication, in critical editions, of the sources of the old Romanian law, relevant research and the organization of related scientific events.

The results of the conducted research are published in the form of monographs, treatises, collections of studies, and in magazines, in the country or abroad, presented in the form of scientific communications and utilized in concrete activities of the authorities and public institutions concerned. A large number of works developed within the Institute of Juridical Research have been awarded by the Romanian Academy, several professional associations, specialized magazines, etc.

Through its specialists, the Institute offers scientific consultations, points of view, specialized analyses, etc. to the public authorities and institutions on various legal aspects of the legislative process, and the interpretation and application of the law. The Institute is also an educational, university, doctoral and post-doctoral center; several of its researchers have a rich teaching experience in state and private universities, as associate teaching staff. At the same time, within the Doctoral School, a significant number of PhD students are trained and specialize themselves in the priority areas of law. The institute's researchers participate in a series of post-doctoral study programs organized within the Romanian Academy.

International Cooperation: Another priority objective of the Institute is the development of international scientific cooperation in the legal field. Its researchers participate in education, training, and shared research programs of Universities or research Institutes abroad, as guest professors or associated researchers.

Researchers also participate with important contributions at numerous international meetings (congresses, colloquiums, symposia, conferences, ea.), on current legal issues, organized by academies, universities, professional associations, professional institutes, etc. A special place in this framework is occupied by the traditional Franco-Romanian Legal Days, initiated, and periodically organized, by the Institute and the Society of Comparative Legislation in France since 1967; the researches take part as well at the congresses and events of the International Academy of Comparative Law, the European Association of Rural Law, International Association of Urban Planning Law, International Association of Philosophy of Law, etc.

The main directions of action of the scientific research currently carried out by the Institute are: the knowledge and valorization of national legal traditions, the analysis of the legal aspects and implications of the ecological-energy and digital transition, the new developments of the European Union national and global interdependencies in the legal system and the interdisciplinary and multi social dialogue.

The Center for European Legal Studies, Bucharest



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Research staff: (2)

Coordinator prof. Daniel-Mihail Șandru

Publications: https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=881283

Short history

The Center for European Legal Studies (CELS) is a scientific research unit, without legal personality, a department of the Legal Research Institute of the Romanian Academy, established by the decision of the Presidium of the Romanian Academy of 30 July 2008.

CELS's ideas are the achievement of fundamental and applied research, as well as the dissemination of information through the development of debates in the field of European law.

The openness shown by CELS can be found in the topics addressed during the debates and conferences, partnerships with publishing houses from the country and abroad in order to promote young researchers and the analyzes of authors with scientific experience, as well as the interdisciplinary character of the promoted projects. Current programs of the Center for European Legal Studies: "Interpretation and application of European Union law by Romanian courts" (RomaniaEULaw); "Culture of European law", "European consultations", "JurisClasor ECDO", "Research methodology in European Union law", „Data protection and new technologies" "European business law" as well as a Romanian language translation project of some significant papers and books by European Union law.

Research areas, scientific research

The Center for European Legal Studies (CESL)

Current research programs of the Center for European Legal Studies:

“Interpretation and application of European Union law by Romanian courts” (Romania EU Law) - carried out together with the Romanian Judges’ Forum Association and the Romanian Association of European Law and Affairs (ARDAE);

“Culture of European law” - debates with personalities and young researchers; the presentation/ launch of works by partner publishing houses (from the country – C.H.Beck, Hamangiu, Universitară, Universul Juridic, Wolters Kluwer, or from abroad – Bruylant, Cambridge University Press, Hart Publishing, Oxford University Press, T.M.C. Asser Press, Wolters Kluwer International) ;

“European consultations” - program aimed to strengthen the proactive capacity (anticipation) of Romanian specialists regarding current problems of the European Union;

The project “JurisClasor CEDO” - is carried out on the basis of a partnership with the University Publishing House, the Association of European Magistrates for Human Rights (AMEDO) and the Association of the Forum of Judges from Romania, its aim is to publish the jurisprudence of the European Court of Human Rights in the language Romanian and includes three distinct sections, namely an annual printed compilation with all the judgments sentencing Romania with an analysis of the consequences and potentially responsible authorities, an online magazine in which specialized articles are published, important judgments pronounced by the ECtHR against Romania, relevant judgments for domestic law, pronounced also against other states, inadmissibility decisions, human rights news, reviews, etc., as well as a database with an advanced search engine (www.hotararicedo.ro).

“Research methodology in European Union law”

“European business law” - intended for applied research in the areas of material law of the European Union.

CELS has a special partnership with the (Romanian Journal of European Law) and the „Pandectele române” (Wolters Kluwer Romania), which consists mainly in the publication of research results.

The group of people interested in CSDE activities is made up of teaching staff, officials of European and national institutions in the field of reference, as well as practitioners. CELS’s activities are reflected on the “European Legal Affairs” blog. The blog is a source of various references to scientific resources published both online and offline.

“Dimitrie Gusti” National Institute of Sociology, Bucharest



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E-mail: insoc@insoc.ro

Web page: www.insoc.ro

Research staff: 19 researchers

Publications: *Revista Română de Sociologie* (<https://www.revistadesociologie.ro>),
Romanian Journal of Sociology (<https://www.revistadesociologie.ro>)

Short history

“Dimitrie Gusti” National Institute of Sociology (Institutul Național de Sociologie „Dimitrie Gusti”, INSOC) is an Institute of fundamental and applied researches of the Romanian Academy in the sociological. Established in 1966 under the auspices of the Romanian Academy and reconfirmed in its current form by the Government decision 209/1990, the Institute has a tradition of over 55 years in fundamental and applied research.

Research areas, scientific research

INSOC has a long experience and in the field of sociological studies on rural and urban communities, social change (social transformation, social and territorial mobility, internal and international migration, social deviance and criminality, mass communication and Mediapolis, social morphology and social memory, surveys and county barometers of public opinion focused on the critical social problems and social impact of natural hazards and social risks. The main mission of INSOC consists in the accumulation, dissemination and valorisation of knowledge obtained through fundamental and applied research in areas of county, national,

European and international interest. To achieve the desired excellence in research, the Institute guides and supervises human resource specialization (PhD, post-doctoral) or the transfer of knowledge through inter-institutional workshops or national and international conferences. The Institute provide services and consultancy for economic agents through public rapports and county Barometer on the state of territorial communities and through partnership with public institutions.

The Institute's research program, focusing on the main field of research, is established for annual or longer durations (up to three years) and is periodically reconsidered by promoting areas considered strategic for the Institute.

The European Centre for Ethnic Studies, Bucharest



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Web page: www.cespe.ro

Research staff: 7

Publications: *Etnosfera Journal*, <https://www.etnosfera.ro/>

Short history

Founded in 1991 by Government Decision no. 677/1991, the European Centre for Ethnic Studies (CESPE) is one of the research institutes of the Romanian Academy dealing with ethnic minorities. Through the years, the activities of CESPE have focused on revealing the main problems faced by national minorities in Romania and Romanian communities living abroad. Over the years, CESPE has striven to bring together researchers from several fields of study because in-depth knowledge of ethnic communities, complex social units, can only be achieved by interdisciplinary cooperation. At present, sociologists, historians, geopoliticians and philosophers work to achieve the research objectives of the European Centre for Ethnic Studies.

Research areas, scientific research

Most of the Center's studies concentrate on the socio-cultural dimension of ethnic minorities' profile, which is a crucial dimension of the process of building an European identity. CESPE actively participates in promoting and preserving the cultural identity of the communities mentioned above. To achieve this objective, the Centre conducts anthropological, sociological, demographic and ethnographic research addressing issues such as cultural identity, minority rights and freedom. We are also interested in studying the quality of life in

mixed communities.

The CESPE's activity has taken the form of several materials, of which the following deserve special attention:

Radu Baltasiu, Ovidiana Bulumac, Cîrlig Samira, *Sadu Commune - Sibiu County. Research report - Community vitality and associative potential*, 2022

Ovidiana Bulumac: The Female Profile Promoted in Scânteia during the First Decade of the Communist Regime in Romania in Martina Topić (ed), *Women and the Media in Capitalism and Socialism: An Ecofeminist Inquiry*, London, Intellect Publishing House, 2022.

Radu Baltasiu, "The Geopolitical Maps of The Romanian Identity", in *Universitary Journal of Sociology*, (Craiova), 2022, nr. 2, pp. 214-236

George Damian Mocanu: The Invention of the "Moldavian Language" in 1924 As a Political Weapon in the Conflict between Romanian and Ukrainian Bolsheviks at the Beginnings of the Soviet Union, in *Transylvanian Review* 30 (3), pp. 35-46





Section of Philosophy, Theology, Psychology and Pedagogy

Institute of Philosophy and Psychology “Constantin Rădulescu-Motru”,
Bucharest

Institute of Political Sciences and International Relations “Ion I. C. Brătianu”,
Bucharest

“Gh. Zane” Institute for Economic and Social Research, Iași

Institute of Philosophy and Psychology **“Constantin Rădulescu-Motru“, Bucharest**

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Web page: www.institutuldefilosofie.ro; www.ipsihologie.ro

Research staff: 32 researchers

Mission:

The institute was founded in 2001. Its mission is the initiation and development of scientific research in the fields of philosophy and psychology, building upon the Romanian and universal tradition accumulated in these domains, as well as addressing current issues of interest for society at large. The research is carried out on the basis of its own programmes and projects, as well as on the basis of contracts with public and private partners. The Institute has two Sections - *Philosophy and Psychology* - each one with a specific research profile.

Section of Philosophy

The Department of Logic and Metaphysics has as its own main research directions traditional and contemporary metaphysics, classical-Aristotelian logic, dialectical-speculative logic, mathematical logic, critical thinking, and rhetoric, thus succeeding in combining classical and modern approaches in logic. The research projects circumscribed by classical-traditional logic in general and Aristotelian logic in particular have their basis in the Aristotelian texts and Greek and Latin commentators, as well as contemporary commentators. Dialectical-speculative logic is a field of research in which logic brings new meanings to the contributions of great authors such as G.W.F. Hegel and Constantin Noica. In mathematical logic, there is important and original research related to problems of philosophical logic (modal logic, intuitionistic logic, temporal logic, and fuzzy logic), philosophy of logic, and metalogic.

In the Department of Epistemology and Ethics, research programmes address topics of current interest in the field, namely epistemology and the problem of *objectivity* of scientific knowledge, the value and possibilities of epistemological discourse in contemporary disciplines (mathematics, biology, etc.), information technology and artificial intelligence, the values and limits of ethical discourse in philosophical thinking and applied ethics, etc. Therefore, the interdisciplinary character of our research in epistemology and ethics follows the current trend. Furthermore, researchers regularly participate in research projects in national and international competitions and win important grants.

The aims of the Department of History of World Philosophy are as follows: to conduct historical-critical research at the level of excellence on the foundations of modern and contemporary philosophical thought; to reassess the way they are interpreted in current philosophical research from the perspective of our own research hypotheses; to stimulate research in the field by formulating topics relevant to current research and to set up international research groups dedicated to their analysis; to examine new issues in contemporary historical-

philosophical research and to establish their relevance for Romanian philosophical research. The Department of History of Romanian Philosophy has as its main objective the historiographic research of the currents, trends, and influences that have had an impact on theoretical thinking in Romania, in order to place it in the more general framework of European and universal philosophical problems and ideas. Special attention is paid to original contributions, systems, and to the way conceptual apparatus of philosophical discourse has changed over the time.

Section of Psychology

The studies carried out in this laboratory aim at individual and community needs generated by crisis situations; the effects of social isolation caused by the Covid pandemic; establishing psychological intervention plans in organisations; the relationship between organisational commitment and possible somatic disorders of employees; determining the personal and professional factors involved in organisational commitment.

The Laboratory of Clinical and Personality Psychology coordinates interdisciplinary research projects in the fields of mental health and well-being, educational psychology, addictions, juvenile delinquency, and personology (personality profiles). Researchers and PhD students conduct clinical psychology studies to provide research evidence in: oncopsychology, autism psychology, psychiatric patient resocialization, reducing the postdivorce effects on children, etc. In addition, researchers collaborate with interdisciplinary teams of physicians and other international specialists in studies on depressive disorder, personality disorders, new IT&C addictions, clinical scale validation and determination of stimulatory/inhibitory factors of romantic relationships.

Within the Laboratory of Cognitive Psychology and Organisational Behavior we carry over research activity in the fields of human resources, forensic psychology, developmental psychology, and educational psychology has both a theoretical-methodological and an applied value and responds to current, imperative, and concrete social needs.

Research subjects include: ameliorating the conflict between professional and family responsibilities; determining the disruptive factors and compensatory strategies of mental health in the workplace; reducing the consequences of school bullying – family and social protective factors; the vulnerability of transgender prisoners in Romanian prisons; analysis of social protest movements – factors predisposing to instability, radicalisation and violence; the influence of perfectionism and parenting styles on the development of anxiety disorders.

Institute of Political Sciences and International Relations “Ion I. C. Brătianu”, Bucharest



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Web page: ispri.ro

Research staff: 31 researchers

Publications: 2

- *Revista de Științe Politice și Relații Internaționale* (https://journalrspri.wixsite.com/journal?page_id=10)
(ERIH PLUS, CEEOL, DOAJ, Ulrich's, Index Copernicus)
- *Romanian Review of Political Sciences and International Relations*
(https://journalispri.wixsite.com/journal?page_id=86)
(EBSCO, ERIH PLUS, Ulrich's, Index Copernicus, DOAJ, CiteFactor, InfoBase Index (IBI Factor 3.76), AE Global Index)

Short history

The Institute of Political Sciences and International Relations „Ion I. C. Brătianu” of the Romanian Academy was founded in January 1990 under the name of the Institute of Social Theory and Political Science, with the main objective of developing scientific research in social philosophy and political science.

The institute initially undertook research on the fundamental political changes in Central and Eastern Europe, including Romania, after the fall of Communism.

After the reorganization and renaming of the Institute in December 2001, the research addressed a broader issue regarding the transition from totalitarianism to democracy, the development of political pluralism and civil society from the perspective of the main contemporary political theories and ideologies, international relations and security studies.

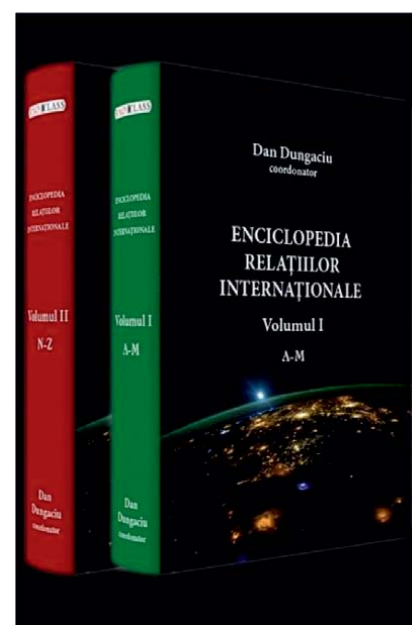
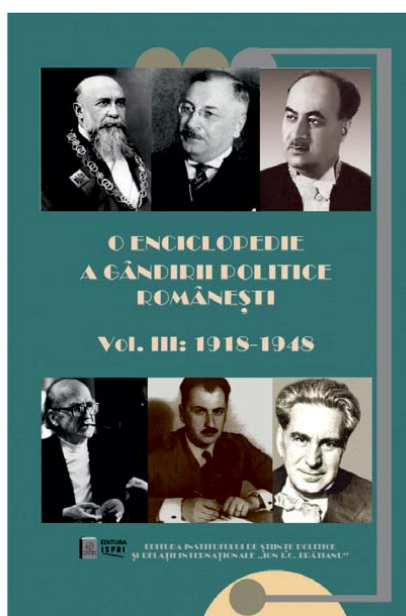
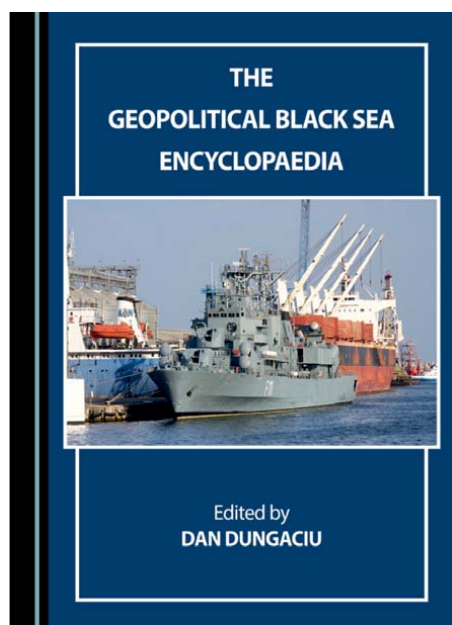
Research areas, scientific research

Today, the Institute is organized in two Departments: *Political Sciences* and *International Relations*; two Laboratories: the *Laboratory of Sociology and Geopolitics of Religion*, the *Laboratory for the Analysis of Information War and Strategic Communication* (<https://larics.ro/>); and two Research Centers: the *Sino-Russian Studies Center* (<https://cssinoruse.ro/>) and the *LARICS Sociological Research Center* (<https://ccslarics.ro/>)

The main activities of Institute consist in carrying out fundamental research in the following fields of research: political sciences (modern and contemporary political theories, history of political ideas, political philosophy, sociology and political communication); international relations (the study of Euro-Atlantic integration processes on all levels – political, economic, strategic, identity and social; the Romanian diaspora; the extended Black Sea region and the Balkan region; the accomplishment of the new European architecture and the role of NATO and the EU within the system of international relations; global developments with regional impact, etc.; the sociology and geopolitics of religions and the analysis of information warfare and strategic communication.

The Institute has its own Publishing House accredited by CNCSIS, established by the Decision of the Ministry of Culture no. 1835 of February 25, 1993 (www.librarie.ispri.ro).

The Institute has a rich Library containing 300,000 titles (approximately one million volumes) in the fields of socio-human and political sciences.



“Gh. Zane” Institute for Economic and Social Research, Iași



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acadiasi.org/institut/institutul-de-cercetari-economice-si-sociale-gh-zane/

Research staff: 28 researchers

Publications:

Logos & Episteme: An International Journal of Epistemology (<https://www.pdcnet.org/logos-episteme>); *Symposion: Theoretical and Applied Inquiries in Philosophy and Social Sciences* (<https://www.pdcnet.org/symposion>); *Economy and Contemporary Society* (formerly the *Yearbook of “Gh. Zane” Institute of Economic Research*; <https://ecs-journal.ro/>).

Short history

The history of “Gh. Zane” Institute began in 1957 with a Department of Economics. A Center for Social Sciences of the Romanian Academy – Branch of Iași was founded in 1970, which carried out research in the fields of economics, psychology and pedagogy. Gradually, the Center expanded its scope of academic research, including the field of sociology (in 1971) and legal sciences (in 1972). In 1975, the Center merged with the Institute of Pedagogical Sciences – Branch of Iași; it kept its name, but became part of “Alexandru Ioan Cuza” University of Iași. In 1990, the Center re-entered under the aegis of the Romanian Academy and became the Institute of Social and Humanistic Sciences, with research programs in philosophy, logic, pedagogy, psychology, sociology and legal sciences. “Gh. Zane” Institute for Economic and Social Research came into existence in 2002, through the merger of the Institute of Social and Humanistic Sciences and “ Gh. Zane” Institute of Economic Research (founded in 1994).

Research areas, scientific research

“Gh. Zane” Institute has a multidisciplinary profile, carrying out research in the following fields: economic sciences (macroeconomics, microeconomics, rural economy); social sciences and humanities (philosophy and political sciences, psychology and educational sciences, sociology, and legal sciences). The Institute’s priority research topics are central cultural, economic, epistemic, intellectual, moral, legal, social, and political values, such as authenticity, authority, community, democracy, efficiency and economic growth, equality, freedom, justice, human rights, knowledge and understanding, reasonableness, solidarity, stability, the rule of law, trust, and truth. Also, the main research agenda includes development, digital ecosystems and technologies, education and educational policies, environment and biodiversity conservation, European economic systems, gender roles and identities, health and health policies, human capital, knowledge society and information society, labour market, legal systems, migration, multiculturalism, personal development, political theories, processes and phenomena, sustainable agriculture, and tourism. Most of these topics are investigated both in their regional, European and global dimension and – especially – from the perspective of the features, the circumstances and the cultural, economic, political and social development goals specific to the Romanian society (and particularly to its North-East Region).





Section of Arts, Architecture and Audiovisual

Institute of Ethnography and Folklore “Constantin Brăiloiu”, Bucharest

The “G. Oprescu” Institute of Art History, Bucharest

The “Folklore Archive of the Romanian Academy” Institute, Cluj-Napoca

Institute of Ethnography and Folklore “Constantin Brăiloiu”, Bucharest

Institute of Ethnography and Folklore “Constantin Brăiloiu” is an institute with legal personality subordinated to the Romanian Academy.

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E-mail: contact@ief.ro

Web page: www.ief.ro

Research staff: 32.

Publications: The Institute publishes “*Revista de etnografie și folclor / Journal of Ethnography and Folklore*” and “*Anuarul Institutului de Etnografie și Folclor «Constantin Brăiloiu»*” [*Yearbook of Constantin Brăiloiu Institute of Ethnography and Folklore*]. These periodicals are sent to the important libraries all over the world.

Specialized fields: research and development in social sciences and humanities: cultural anthropology, ethnomusicology, ethnolinguistics, ethnography and ethnology, folklore, stylistics, language and literature, text criticism, literary analysis, sciences of arts and letters, theory, analysis and criticism of arts, choreography, decorative art, aesthetics of arts, photography, cultural sociology, evolution of cultures, cultures, civilizations and national characters, sociology of art, literature, religion, history.

History: Folklore studies enjoyed the attention of the Romanian Academy and between 1881 and 1931 it published 85 works, collections and studies. I. Bianu proposed in 1908 the elaboration of several publication entitled „Din vieța poporului român” [From the life of the Romanian people] and a series of forty-volume work appeared until 1931. Ovid Densusianu advocated the establishment of a Folklore Archive of the Romanian Academy, the publication of an Encyclopedia of the Romanian Folklore, a Folklore Atlas, an Ethnographic Atlas, he insisted upon regional monographic studies. A Phonogram Archives, attached to the Ministry of the Cults and Arts (founder, G. Breazul) and a Folklore Archives belonging to the Romanian Composers Society (founder C. Brăiloiu) were set up in 1927 and 1928, respectively. In 1949, the two archives merged into the Institute of Folklore. Monographic research was initiated by the Romanian Social Institute led by D. Gusti. In the year 1946, the Literary Folklore Commission of the Romanian Academy came into being. A priority task was the development of Corpus Carminum Romaniae, consisting of typologies and bibliographies. The first Romanian institution assigned the study of syncretic manifestation of the folklore was the Institute of Folklore, set up in 1949. It grew into the Institute of Ethnography and Folklore through the development of an ethnography section; in 1974 its name was changed to Institute of Ethnological and Dialectological Research. It regained its former denomination, namely Institute of Ethnography and Folklore “C. Brăiloiu” of the Romanian Academy in 1990. It is the institution that shelters the Ethnography and Folklore Archives. Founding documents: Decree no. 136 of April 6, 1949 (Folklore Institute) and HG of March 3, 1990 (Ethnography and Folklore Institute).

Mission: The Institute of Ethnography and Folklore conducts fundamental and advanced scientific research and connected activities in the following domains: folkloristics, ethnomusicology, ethno-choreology, ethnography, nonconventional multimedia archives, contributing to knowledge development, positively influencing the society, being involved in Romanian cultural strategies. The Institute is a multidisciplinary one and manages and the Archive of folklore and ethnography (A.I.E.F.) which stores syncretic phenomena documents belonging to the Romanian immaterial patrimony. Research teams work on theoretical syntheses (treatises), fundamental work tools (typologies, atlases, bibliography, anthologies and monographs, data bases, critical editions), enrich and updates the documentary base (A.I.E.F.), with audiovisual and manuscript collections. Specialists are involved in cooperation activities that are carried out in similar institutions in Romania or abroad. Organize training and informing activities for different categories of people. Conduct research in all Romanian communities in the country and abroad as well as minorities in Romania. The Institute valorizes the research results in series of volumes published by the Romanian Academy Publishing House and by other specialized publishing houses in Romania: *Etnologie românească. Folcloristică și etnomuzicologie* [Romanian Ethnology. Folkloristics and Ethnomusicology, treatise]; *Atlasul etnografic român* [Romanian Ethnographic Atlas]; *Colecția națională de folclor* [National Folklore Collection] – typologies and anthologies, folkloristics and ethnomusicology, parallel series; *Bibliografia generală a etnografiei și folclorului românesc* [General Bibliography of Romanian Ethnography and Folklore]; *Corpus de documente etnografice* [Corpus of Ethnographic Documents]; *Arhive folclorice românești / Romanian Folk Archives* (digital public series). The unconventional archive gives I.E.F. a special profile among other research institutes in the humanities area. It is a repository of national cultural values, an objective social instrument for the collective memory. Folk Archives are as important as the national archives of historical and political documents. The institute has been involved in various national and international research projects.



The “G. Oprescu” Institute of Art History, Bucharest



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Web page: www.istoria-artei.ro

Research staff: 19

Publications: 1) „*Studii și Cercetări de Istoria Artei*” (“*Studies and Research of Art History*”), serie Visual Art: <http://www.scia.ap.istoria-artei.ro/> ; 2) „*Studii și Cercetări de Istoria Artei*”, serie Theatre, Music, Cinematography: <http://www.scia.istoria-artei.ro/index-ro.php> ; 3) „*Revue Roumaine d’Histoire de l’Art*”, série Beaux-Arts : <http://www.rrha.istoria-artei.ro/>

Short history

Legally established in late 1948 (decree No. 1709 of the Popular Republic of Romania’s Council of Ministers, published in the official periodical, “Monitorul Oficial” No. 302 of December 28, 1948), the Institute of Art History was founded de facto in 1949; it was headed by Professor G. Oprescu, who held the position of director for twenty years. By setting up distinct, specialized departments, G. Oprescu promoted a multidisciplinary approach to research, i.e. mediaeval art, Byzantine art, modern art focused on 19th century painting, sculpture and graphic arts, folk art, architecture, theatre, film, and music. In early 1950s and 1960s was founded the Institute’s library and were issued its biannual journals.

In 1975 all research institutes of the Romanian Academy were reorganized and affiliated to other institutions such as ministries or universities. Consequently the Institute of Art History was affiliated to the Academy of Social and Political Science and to the Ministry of Education, via the “Nicolae Grigorescu” Fine Arts Institute. Thus, the rector became the director of the Institute of Art History. Political imposition and censorship became more and more embarrassing. However, the institute succeeded to preserve some degree of intellectual freedom, which was expressed in the 1980s conferences, when debates on aesthetics and

the philosophy of art obviously diverged from the cultural discourse of the establishment. In 1990, a government decision (decree 4/1990 on the organization of the Romanian Academy) returned the Institute to the place where it belongs, the Romanian Academy. In 1992, the Institute was honoured to bear the name of G. Oprescu, thus being given due credit to its founding father.

Research areas, scientific research

The “G. Oprescu” Institute of Art History focused its major research in such fields as Romanian mediaeval art, Byzantine art, folk art, modern and contemporary art, architecture, theatre, music, film, as well as Romanian art in foreign collections and European art in Romanian museums. According to the UNESCO’s classification, the research areas of the institute are as follows: 5506.01 (History of Architecture), 5506.02 (Art History), 6203 (Theory, Analysis and Criticism of Fine Arts), 6203.01 (Cinematography), 6203.03 (Decorative Arts), 6203.04 (Drawing, Engraving), 6203.06 (Music, Musicology), 6203.07 (Painting), 6203.08 (Photography), 6203.09 (Sculpture), 6203.10 (Theatre). The institute’s high profile in the scientific community is due to contributions to international and national compendia and encyclopedias (“Saur Allgemeines Künstlerlexikon”, “Grove Dictionary of Art”, “Romanian Art: from Prehistory to Present”, etc), curatorial activity for international exhibitions, conferences with guest speakers from Europe and the U.S. Further recognition was given by the institute’s affiliation to RIHA (International Association of Research Institutes in the History of Art).

The main focus of the Institute is to achieve comprehensive works such as: artists’ dictionaries, monuments’ dictionaries, repertoires, catalogues raisonné and indexes. Other objectives are the development of comparative research and monographs of some Romanian art trends still unexplored. The research activity is undertaken on the key project “Encyclopedia of the Arts in Romania” which includes the research programs of the institute’s departments: 1) The repertoire of Romanian mural paintings: Moldavia, Wallachia, Transylvania (14th–18th centuries): style, canon and epigraphy in cultural context; 2) Artists and Travels in 19th - 20th centuries; 3) The dictionary of Romanian graphic artists, 19th century; 4) Art and society in Romania (1859–1918); 5) History of theater in Romania; 6) The evolution of the Romanian documentary film (1949-1989); 7) Descriptive and analytic Catalogue of musical manuscripts in Byzantine and Post-Byzantine neumatic notation kept in Romanian collections (1700-1830); 8) History of an Academic Institute: The “G. Oprescu” Institute of Art History of the Romanian Academy (1949-1989). The Institute’s researchers are often invited to teach as associated professors in universities, or as PhD directors. Some are experts in specialized commissions of the Ministry of Culture, Ministry of Education, or the Romanian Cultural Institute. Most of the researchers are members in various artists’ unions or in the editorial board of some academic magazines.

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Web page: iafar.ro

Research staff: 9

Publications: *"The Yearbook of the Folklore Archive"*

Short history

According to Ion Muşlea's memoirs, the institute was founded, in May 1930, during the Annual Session of the Romanian Academy, under the name the Folklore Archive of the Romanian Academy, alongside the Museum of the Romanian Language of the "King Ferdinand I" University in Cluj. The second national information and documentation base was thus born. Previously, Constantin Brăiloiu founded two years before, in Bucharest, what we know today as the Archive of the "Constantin Brăiloiu" Institute of Ethnography and Folklore of the Romanian Academy.

At the end of the 40s and in the following decade, there was a traditional culture research group housed within the Institute of Linguistics of the Cluj Academy. Although it did not exist as separate institution, research in the Folklore Archive continued.

In 1964, the Department of Ethnography and Folklore of the Cluj Branch of the Academy was established. In March 1990, by Government Decision, the "Folklore Archive of the Romanian Academy" Institute was re-established, as a successor of the oldest traditional research center of the Romanian Academy.

The management of the institute was ensured by Ion Muşlea (1930-1948; 1964-1966), Dumitru Pop (1966-1969), Ion Taloş (1969-1985), Ion Cuceu (1985-2011), Maria Paulina Cuceu (2011-2020), Mihai Bărbulescu (since 2020).

Research areas, scientific research

The "Folklore Archive of the Romanian Academy" Institute systematises and valorizes intangible cultural-traditional heritage, managing and developing the second largest national archive of ethnology and folklore. The archive features an important documentary collection of manuscripts (2,680), sound recording collections (phonograph, tape recorder, audio cassettes, digital cassettes) and photographs, films and videos, over 750,000 ethnological-folkloric items in total.

The "Folklore Archive of the Romanian Academy" Institute participated and continues to do so in the fundamental and priority programs of the Romanian Academy: the Corpus of Romanian Folklore, the National Folklore Typologies and the Monographs of the Folklore Archive of the Romanian Academy.

The most important ongoing research consists of the *General Repertoire of the Folklore Archive of the Romanian Academy (1930-1948)*, and *The corpus of answers to the Ion Muşlea Questionnaires*, from which, volume V recently appeared (*Questionnaire XII. Legal customs*). The collective of literary folklore of national minorities is now studying the evolution of Hungarian folklore research in the period 1949-1964 and the current state of research on Saxon and Swabian folklore from Transylvania, Sătmar and Banat. The department of ethnomusicology and ethno-choreology is focusing on new folklore materials from Transylvanian collections and the inter-academic program "Musical Researches in Hungarian and Romanian Folk Archives".

The documentary funds, the works developed by the institute's researchers, the zonal and regional monographs, the national folklore typologies and the repertoires in the process of publication spark the interest of specialists. These are cited in works of ethnological and folklore synthesis, in works elaborated by linguists, sociologists, anthropologists, historians, psychologists, philosophers, lawyers, artists, directors, cultural guides, choreographers, teachers.





Section of Information Science and Technology

”Mihai Drăgănescu” Artificial Intelligence Research Institute, Bucharest

Institute of Computer Science, Iași

”Mihai Drăgănescu” Artificial Intelligence Research Institute, Bucharest

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Research staff: 24

Short history

The Research Institute for Artificial Intelligence (ICIA), according to Decision no. 695 of July 3, 2002 published in 2002, was established by reorganizing the Center for Advanced Research in Automatic Learning, Natural Language Processing and Conceptual Modeling established in 1994 under the Romanian Academy. Later, as a sign of gratitude for the entire activity and indisputable merits of Academician Mihai Drăgănescu, the Presidium of the Romanian Academy and the General Assembly of the Romanian Academy unanimously decided that the Research Institute for Artificial Intelligence should bear his name. By adopting Government decision published in 2012, recognized the great value of Academician Mihai Drăgănescu, who was and is emblematically associated with the Research Institute for Artificial Intelligence, which will be called the “Mihai Drăgănescu” Research Institute for Artificial Intelligence from then on.

Research areas, scientific research

The “Mihai Drăgănescu” Artificial Intelligence Research Institute (ICIA) carries out fundamental research activities in the fields of:

- artificial intelligence - machine learning, natural language processing and conceptual and cognitive modeling, intelligent agents and the like;
- the knowledge society - knowledge management, the modeling of society’s infrastructures and processes, based on knowledge and cognitive scenarios;
- new computer network architectures - self-organizing systems.

The institute’s main research projects are in the fields of natural language processing, automatic learning and knowledge acquisition, computer-assisted training, cognitive engineering models. ICIA has been a member of the European Network of Excellence in Natural Language Technologies (<http://www.elsnet.org/orgframes.html>) for over 10 years. ICIA is a Center of Excellence in the European Language Grid Association, and the Director of ICIA is Romania’s representative (technological anchor) in the European Language Resources Coordination and European Language Equality projects.

It is also remarkable that the Institute participated in research networks funded by the EU in the past, such as FLReNet CLARIN and META-NET, MT Kit for EU Council Presidency which opened the way to building a European platform of language technologies. ICIA participated in numerous international and national projects. The teams of the institut participated in many

shared tasks in which their own systems, were among the winners and major protagonists. The institute has collaborative relations in Romania with research institutes, universities and companies from the private sector, but also cooperative relations with universities, research institutes and industrial partners from over 30 countries in Europe and the United States of America.

The ICIA strategy regarding natural language processing takes into account that the development of language technologies covers numerous research fields and disciplines, including computational linguistics, artificial intelligence, informatics and linguistics, with applications such as natural language analysis, texts anonymisation, speech technology, data mining. The language-centric artificial intelligence offers new opportunities for digital communication, digitally enhanced communication, technology-based communication and cooperation in all European languages and beyond, giving speakers of different languages equal access to information and knowledge. The reference corpus of the Romanian language COROLA, built through a priority project of the Romanian Academy, together with the lexical ontology Ro-wordnet constitute fundamental linguistic resources of exceptional value for the study of the Romanian language as well as for the construction of artificial intelligence applications centered on the language. The current and future contributions to language technologies will be based, mainly, on the possibility of accessing and managing more and more extensive and precise linguistic data and resources. ICIA will develop close collaboration between research, industry, public and private data owners. In addition, it will contribute to the regulatory framework for the use of such data with technical recommendations to make it much more open so that fundamental linguistic resources (corpora, lexicons, ontologies, etc.) become interoperable and shared in an open environment.



**EU Council
Presidency Translator**

“Research in Machine Translation (MT) in Romania has been boosted by the EU Council Presidency Translator project and the MT Kit is now included in the National Platform for Romanian language processing, thus extending the translation services to academic parties”



Dan Tufiş
Head of Research Institute for
Artificial Intelligence of the Romanian Academy



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Research staff: 24

Short history

The Institute of Computer Science – (*Institutul de Informatică Teoretică - IIT*) is the first entity created by the Section of Computer Science and Information Technology of Romanian Academy. The Institute, founded in 1984, was a subsidiary of Bucharest’s Research Institute for Computers and Informatics until June 1990. It became the Institute of Computer Science by Government Resolution #501/1990, being integrated part of the Romanian Academy. On the anniversary of 30 years of activity within the Romanian Academy (2020), the institute received the “*Meritul Academic*” distinction.

The mission of the Institute is to contribute to the enrichment of knowledge in the field of Computer Science and related fields (Information Technology, Cognitive Sciences, Artificial Intelligence, Applied Mathematics, Systems Theory, Communications, Electronics), to carry out research relevant to the Romanian national culture and science. To obtain and maintain a high level of excellence, the strategic objectives of the Institute are based on high performance in human resource education and specialization (internal PhD and Post-doctoral programs). Its Research Program is periodically reconsidered both by promoting areas considered strategic for the Institute and by adapting research themes to the (inter) national scientific context. The Institute of Computer Science seeks to practice high quality research, producing reliable results and contributing to the status of knowledge and science to the overall benefit of society.



Research areas, scientific research

The main research areas of the Institute of Computer Science are: linguistic resources (e.g., CoRoLa - The Reference Corpus of Contemporary Romanian Language), natural language processing techniques for extracting information, big data analysis; voice signal analysis with applications in the modeling of prosodic elements, the identification of emotions transmitted through the voice and the development of medical applications for disease diagnosis and treatment; methods, algorithms and techniques for analyzing, processing, segmenting and compressing video, images and signals; development of formal models and methods for

concurrent and distributed systems, reversible computation; development of algorithms, methods and software resources for the “Linguistic Atlases” fundamental project of the Romanian Academy.

The research from the “Linguistic Atlases” fundamental project are materialized, in addition to the publication of scientific papers, by the development of a GIS based information system that allows the editing of dialectal phonetic transcriptions in Romanian and dialectal data editing, storage, analysis and publication. For more than 10 years already, it was used by dialectologists at specialized institutes of the Romanian Academy to publish the Romanian linguistic atlases.

Research in recent years from the field of image processing has resulted in video analysis techniques for human locomotion classification, gait analysis with applications in medical rehabilitation; behavior analysis of animals in captivity through video analysis; nature-inspired optimization algorithms with applications in image processing; image retrieval and classification methods for iris and fingerprints images; applications of PDE models in image processing; analysis and processing of real-time colonoscopy videos by means of Deep Learning methods and Jetson microsystems, analysis of the variability of plant seeds.

In recent years, we have studied the modeling the interactions within the concurrent systems and the applications of finitely supported structures in computer science. Studies have been carried out on the TiMo process algebra, which represents a formal model for processes that migrate between locations of distributed systems and that receive and transmit data, and on certain properties of multiset rewriting systems using specific techniques for the study of computability and complexity, as well as advanced software simulators, like coloured Petri nets and (priced) Maude.

