Registration Form

ECAI 2024), June 27 – June 28, 2024		
Author(s): Paper's title: Institution: Correspondence address:		
Tel:Fax:E-mail:		

Flactronics Computers and Artificial Intelligence

ECAI fee for the regular sessions is 250 Euros

ECAI discounts for the fee of 250 Euros are as follows:

- a) 10% / 20% discount for IEEE/IAS members (aceleasi valori)
- b) 20% discount for authors from countries with Lower middle income | Data
- c) 10% discount for authors from countries with <u>Upper middle income</u> Data
- d) 30% discount for authors from Romania
- e) 50% discount for master and PhD students from any country if they are the first author of the papers (1st, 2nd and 3rd) $\,$
- f) 50% discount for the 2nd and 3rd papers (for all authors)

ECAI fee for the e-sessions is 150 Euros

ECAI discounts for the fee of 150 Euros are as follows:

- a) 40% discount for authors from countries with Lower middle income | Data
- b) 20% discount for authors from countries with Upper middle income | Data
- c) 50% discount for master and PhD students from any country if they are the first author of the papers (1st, 2nd and 3rd)

Depending on sponsors' contributions, there may be some stipends and a reduced fee for the social events and the trip organized.



Contact:

E-mail: contact@ecai.ro

Organizers:

'GHEORGHE ASACHI' TECHNICAL UNIVERSITY OF IASI:

Faculty of Electronics, Telecommunications and Information Technology
The National University of Science and Technology POLITEHNICA
Bucharest, Pitesti University Centre

Faculty of Electronics, Communications and Computers (FECC)

Co-organizers:

UNIVERSITY "VALAHIA" of TARGOVISTE

Faculty of Electrical Engineering, Electronics and Information Technology

The National University of Science and Technology POLITEHNICA Rucharest

Faculty of Electronics, Telecommunications and Information Technology UNIVERSITY OF ORADEA

 $Faculty\ of\ Electrical\ Engineering\ and\ Information\ Technology$

PETROLEUM-GAS UNIVERSITY OF PLOIESTI

Faculty of Mechanical and Electrical Engineering (F-IME)

Department of Automatic Control, Computers and Electronics (DACCE)

JAN WYZYKOWSKI UNIVERSITY, Polkowice, Poland NEVSEHIR HACI BEKTAS VELI UNIVERSITY

Electrical and Electronics Engineering Department

MILITARY TECHNICAL ACADEMY, BUCHAREST

Faculty of Military Electronic and Information Systems
Faculty of Communications and Electronic Systems for Defense and
Security

FUZZY LOGIC SYSTEMS INSTITUTE, FUKUOKA, JAPAN NATIONAL COMMUNICATIONS STUDIES AND RESEARCH INSTITUTE - INSCC, Bucharest

NUCLEAR RESEARCH INSTITUTE, Mioveni

Under auspices of

"INFORMATION SCIENCE AND TECHNOLOGY" SECTION OF THE ROMANIAN ACADEMY

INSTITUTE OF COMPUTER SCIENCE OF THE ROMANIAN ACADEMY (Iasi Branch)

"ROMANIAN COMMITTEE FOR HISTORY AND PHILOSOPHY OF SCIENCE AND TECHNOLOGY" (Pitesti Branch) - THE ROMANIAN ACADEMY

Technical and financial co-sponsorship of the

IEEE ROMANIA SECTION

IEEE Industry Applications Society (IAS)

MOU # (will be announced)

Conference Chairs: Nicu Bizon and Daniela Tarniceriu

Technical Program Committee (TPC) ECAI Chairs: Ioan Lita, Horia-Nicolai (L.) Teodorescu, Iulian Aurelian Ciocoiu, Radu Gabriel

Bozomitu, Ciprian Romeo Comșa, Nicolae Cleju

Program Chair: Mihai Oproescu Treasurer Chais: Marian Raducu Publication Chairs: Valeriu Ionescu

Local Arrangements Chairs: Luminita Constantinescu, Corina Savulescu, Paul Ungureanu, Daniel Petre Mătăsaru, Iolanda Elena

Alecsandrescu, Marius Hăgan, Vasile Grosu

Public relation Chairs: Florentina-Magda Enescu, Madălina

Giorgiana Murariu



ECAI 2024

INTERNATIONAL CONFERENCE

16 th Edition

Electronics, Computers and Artificial Intelligence

June 27 - June 28, 2024 Iasi, ROMANIA

Professor Dimitrie Mangeron Boulevard 67, Iași 700050

CALL FOR PAPERS - Organizers







'Gheorghe Asachi' TECHNICAL UNIVERSITY of IASI,

Faculty of Electronics, Telecommunications and Information Technology - Host

The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre Faculty of Electronics, Communications and Computers - Promoter





Steering Committee Chairs:

Florin Filip, Mihnea Cosmin Costoiu, Dan Cascaval, Franco Maloberti, Lucien Dascalescu, Filiz Kilic, Ersan Kabalci, Corneliu Burileanu, Dumitru Chirlesan, Florinel Dinu, Horia-Nicolai (L.) Teodorescu, Ioan Nicolaescu, Adina Magda Florea, Cristian Negrescu, Daniela Tarniceriu, Radu Dobrescu, Alexandru Serbanescu, Nicolae Paraschiv, Ion Stanciulescu, Henri-George Coanda, Mihai Oproescu, Horia Andrei, Ioan Lita, Serban Gheorghe, Nicu Bizon, Iulian Aurelian Ciocoiu, Radu Gabriel Bozomitu, Emil Pricop, Maaruf Ali, Sorin Puscoci, Phatiphat Thounthong, Poom Kumam.

TECHNICAL PROGRAM COMMITTEE

Adina Magda Florea (Ro)	Florin Zamfir (Ro)	Nadia Belu (Ro)
Adrian Iordachescu (Ro)	Franco Maloberti (It)	Naser M. Tabatabaei (Ir)
Adriana Florescu (Ro)	Gabriel Radulescu (Ro)	Necmi Altin (Tr)
Adriana-Gabriela Schiopu (Ro)		Nicolae D Alexandru (Ro)
Adrian Tulbure (Ro)	Gheorghe Gavriloaia (Ro)	Nicolae Cleju (Ro)
Alexandru M. Morega (Ro)	Gheorghe Grigoras (Ro)	Nicolae Militaru (Ro)
Alexandru Serbanescu (Ro)	Gheorghe Serban (Ro)	Nicolae Paraschiv (Ro)
Ali Hessami (Ir)	Ghomi Leila (Ir)	Nicoleta Angelescu (Ro)
Alin Mazare (Ro)	Gianfranco Chicco (It)	Nicu Bizon (Ro)
Alin Rizea (Ro)	Grigore Stamatescu (Ro)	Nitish Pathak (In)
Alina Baiesu (Ro)	Habib Benbouhenni (Tr)	Nitul Dutta (In)
Alper Görgün (Tr)	Hasan Kaplan (Al)	Octavian Ionescu (Ro)
Altan Gencer (Tr)	Henri-George Coanda (Ro)	Ovidiu Grigore (Ro)
Angela Ionita (Ro)	Horia Andrei (Ro)	Ovidiu-Constantin Novac (Ro
Angela Russo (It)	Horia N. Teodorescu (Ro)	Ozan Erdinc (Tr)
Anthony C. Davies (UK)	Hossein Shayeghi (Ir)	Paul Burciu (Ro)
Apopei Vasile (Ro)	Ichim Loretta (Ro)	Pavol Sokol (Sk)
Arif M. Hashimov (Az)	Ioan Cristian Hoarca (Ro)	Peter Hill (UK)
Avireni Srinivasulu (In)	Ioan Lita (Ro)	Petre Anghelescu (Ro)
Badre Bossoufi (Mo)	Ioan Nicolaescu (Ro)	Petrica Ciotirnae (Ro)
Bica Ion (Ro)	Ionel Bostan (Ro)	Prabina Pattanayak (In)
Bhargav Appasani (In)	Ires Iskender (Tr)	Phatiphat Thounthong (Th)
Bogdan Adrian Enache (Ro)	Iulian Ciocoiu (Ro)	Poom Kumam (Th)
Bogdan Constantin Neagu (Ro)	Jaafar M.H.Elmirghani (UK)	Predusca Gabriel (Ro)
Calin Vladeanu (Ro)	Jaouhar Fattahi (Ca)	Radu Dobrescu (Ro)
Catalin Buiu (Ro)	Javier J. B. Landatxe (Es)	Radu Dogaru (Ro)
Cengiz Taplamacioglu (Tr)	Jean-Paul Gaubert (Fr)	Radu Gabriel Bozomitu (Ro)
Charles Shoniregun (UK)	Jiri Pinker (Cz)	Radu-Emil Precup (Ro)
Ciprian Romeo Comşa (Ro)	Jose Manuel Lopez Guede (Es)	Rahul Yadav (Fi)
Cingiz Haciyev (Tr)	Laurentiu Ionescu (Ro)	Remus Pusca (Fr)
Constantin Paleologu (Ro)	Leila Ghomri (Ir)	Robert Dobre (Ro)
Constantin Stoica (Ro)	Lidia Dobrescu (Ro)	Sabarimalai Manikandan (In)
Constantin Vertan (Ro)	Liviu Goras (Ro)	Salem M.Abdel-Badeeh (Eg)
Corina Savulescu (Ro)	Lucien Dascalescu (Fr)	Saloua Marhraoui (Mo)
Cornel Ioana (Fr)	Luminita M Constantinescu (Ro)	, ,
Cornelia-Mihaela Novac (Ro)	Maaruf Ali (UK)	Sanda Mihalache (Ro)
Corneliu Burileanu (Ro)	Magda Dicu (Ro)	Sergiu Caraman (Ro)
Cosmin Popa (Ro)	Mariam Ibrahim (Jo)	Sergiu Nedevschi (Ro)
Cosmin Stirbu (Ro)	Marian Gaiceanu (Ro)	Silaghi Helga (Ro)
Cristian Negrescu (Ro)	Marian Raducu (Ro)	Silviu Ioan Bejinariu (Ro)
Cristian Patrascioiu (Ro)	Marius Minea (Ro)	Silviu Ionita (Ro)
Cristian Ravariu (Ro)	Miguel Salmeron (USA)	Sofia-Loredana Tudor (Ro)
Daniel Pasquet (Fr)	Mihaela Oprea (Ro)	Sorin Puscoci (Ro)
Daniel Pasquet (Fr) Dan Popescu (Ro)	Mihaela Oprea (Ro)	Sorin Puscoci (Ro)
Dan Popescu (Ro) Daniel Visan (Ro)	Mihaela Teodorescu (Ro)	Stefan Simion (Ro)
Daniela Tarniceriu (Ro)	Mihai Maricaru (Ro)	Stefan V. Nicolaescu (Ro)
Dmitry Pavlyuchenko (Ru)	Mihai Oproescu (Ro)	Svasta Paul (Ro)
Doina Banciu (Ro)	Mihai Tarâta (Ro)	Sudeep Tanwar (In)
Dorel Aiordachioaie (Ro)	Mihai Togan (Ro)	Sunil Kumar Mishra (In)
Driss Mehdi (Fr)	Mihail Aurel Titu (Ro)	Takeshi Yamakawa (Jp)
Dumitru Cazacu (Ro)	Milan Stork (Cz)	Teodor Petrescu (Ro)
Dumitru Popescu (Ro)	Mircea Ivanescu (Ro)	Terence Goh (Sg)
El Emary M. Ibrahiem (Jo)	Mircea Pantea (Ro)	Toshitaka Yamakawa (Jp)
Elena-Luminita Stirbu (Ro)	Mircea Raceanu (Ro)	Valentin Alexandru Stan (Ro)
Emil Pricop (Ro)	Mironela Pirnau (Ro)	Valeriu Manuel Ionescu (Ro)
Emil Simion (Ro)	Mohammad Alim (USA)	Vasile-Gabriel Iana (Ro)
Ersan Kabalci (Tr)	Mohammed Elmogy (Eg)	Victor Neagoe (Ro)
Fary Z. Ghassemlooy (UK)	Mohamed Ismail Roushdy (Eg)	Victor Valeriu Patriciu (Ro)
Felix Albu (Ro)	Mohammed Sallah (Eg)	Vijay Kumar Verma (In)
Filippo Spertino (It)	Monica Iordache (Ro)	Vyacheslav Tuzlukov (So.K)
Florentina Enescu (Ro)	Musa Yilmaz (USA)	Wim Melis (UK)
Clasia Dialasau (Da)	Mustapha Jamma (Mo)	Yasin Kabalci (Tr)
Florin Birleanu (Ro)		
Florin Birreanu (Ro) Florin Gheorghe Filip (Ro) Adina Magda Florea (Ro)	Mustafa Dogan (Tr) Florin Zamfir (Ro)	Zdzislaw Polkowski (Po)

SCOPE

The conference is aimed to serve as an international forum for effective exchange of scientific knowledge and experience among researchers active in various theoretical and applied areas of electronic equipment, communication, automatic control, applied informatics, information technology and computer science.

The program will include plenary and regular sessions, special sessions, workshops, discussions' groups and social events. The conference's official language is <u>English</u>.

AREAS OF INTEREST:

- ✓ Electronic circuits and equipments;
- ✓ Communications;
- ✓ Software, databases, and computer applications;
- ✓ Artificial Intelligence, including Expert systems;
- ✓ Signal and image processing;
- ✓ Microwaves-techniques and technologies&EMC;
- ✓ Bio-medical applications & biomaterials;
- ✓ Control, robotics and mechatronics;
- ✓ Electrical engineering applications;
- ✓ Energy & Environmental issues;
- ✓ Educational multimedia applications;
- ✓ Other topics are welcome.

INSTRUCTIONS FOR AUTHORS

The length of a paper should be of minimum 4 pages. Please follow carefully the *Instructions for Authors and use the IEEE-Template-styles*. Each contributor (corresponding author or coauthor) can submit **maximum three papers**.

Special/Invited SESSIONS (proposed by contributors)

Special/Invited sessions will include 4-5 invited papers. These papers should present a cohesive and comprehensive discussion of a relevant topic, consistent with the conference topics. The chairs could nominate an invited paper (30 minutes will be allocated for this presentation in the session). **Prospective organizers** are invited to submit by email the proposed session title and the extended (two pages) abstracts or the full papers. Deadlines for submission are mentioned below.

POSTERS and EXHIBITION

Appropriate facilities for posters advertising and products exhibiting will be available. These are specially addressed to the research institutions/centers for their recent and relevant achievements. For more details about this opportunity, please contact the Organizers.

IMPORTANT DEADLINES

November 1, 2023	Start Date for Paper Submissions (first call for	
1,2020		
	papers)	
Until April 01, 2024	Early registration with 10% discount to normal fee:	
	Submission of full paper, together with all the	
	required documents	
April 15, 2024	Notification of acceptance.	
April 22, 2024	Camera-ready version of the early accepted papers	
Until May 01, 2024	Early payment due	
Until June 02, 2024	Normal registration: Submission of full papers,	
	together with all the required documents	
June 11, 2024	Notification of acceptance.	
June 16, 2024	Camera-ready version of the accepted papers and	
	fee are due using normal fee mentioned below.	
June 27-28, 2024	Conference days	

REGULAR PAPERS

These are requested in all areas consistent with the conference topics. Authors are asked to submit their original work by uploading it on the conference website the full papers of minimum 4 pages length in electronic form.

Authors are requested to clearly point out - at paper submission and e-mail correspondence, *the name of the topic* to which their paper is submitted to (e.g., Environmental issues).

PAPERS PUBLISHING

The papers should be written in the IEEE-Template-styles format for publication on the ECAI Proceedings (ISSN 1843 – 2115). The ECAI Proceedings will be submitted to the IEEE Xplore® database and also to be evaluated and included in the ISI Web of Knowledge database.

Extended version of selected papers presented to the ECAI'20 will be free published in IEEE journals with subscription (without open-access), but also in other journals (open-access with 10-50% discount) of our publishing partners (all indexed in ISI WoS), after these papers will be 60% extended and reviewed as normal.

Contact addresses

For other information you are invited to address:

Conference web sites: http://ecai.ro/

E-mails: contact@ecai.ro;
UPIT Tel +40348453201,

Fax +40348453200