



JOHN ATANASOFF SOCIETY OF AUTOMATICS AND INFORMATICS, TECHNICAL UNIVERSITY OF VARNA, IEEE BY BULGARIAN SECTION and FEDERATION OF THE SCIENTIFIC ENGINEERING UNIONS

organize

IEEE INTERNATIONAL CONFERENCE AUTOMATICS AND INFORMATICS'2020 (ICAI'20), 1-3 October 2020, VARNA, BULGARIA

Conference Record # 50593 https://conferences.ieee.org/conferences_events/conferences/conferencedetails/50593

INVITATION

The International Conference Automatics and Informatics traditionally is held under the patronage of the President of the Republic of Bulgaria during the John Atanasoff days in October every year. The history of the conference is more than 50 years and has significantly contributed to the development of automation and computer technology in Bulgaria.

The purpose of the conference is to bring together international researchers and industrial practitioners interested in the development and implementation of modern technologies for automation, informatization, computer science, artificial intelligence and others.

The organizing committee of the conference is inviting interested researchers and professionals to submit papers describing significant scientific achievements and innovations in all scientific areas of the conference.

INTERNATIONAL PROGRAM COMMITTEE

Honorary Chairs: Acad. Janusz Kacprzyk, Polish Academy of Science (PL),
Acad. Vassil Sgurev, Bulgarian Academy of Sciences (BG),
Acad. Kiril Boyanov, Bulgarian Academy of Sciences (BG)

Chair: Acad. Mincho Hadjiski, Bulgarian Academy of Sciences (BG)

Vice Chairs: Prof. Vencislav Valchev, Technical University of Varna (BG),
Prof. Kosta Boshnakov, University of Chemical Technology and Metallurgy (BG)

Vice Chair for Publications: Prof. Alexander Gegov, University of Portsmouth (UK)

Vice Chair for Industry: Valeri Andreev, Systems, Automation, Technologies Ltd (BG)

NATIONAL ORGANIZING COMMITTEE

Chair: Nikola Nikolov, Technical University of Varna (BG),

Vice Chairs: Mariela Alexandrova, Technical University of Varna (BG),
Valentina Markova, Technical University of Varna (BG),
Stanimir Yordanov, Technical University of Gabrovo (BG)

Coordinator: Zhivko Zhekov, Technical University of Varna (BG)

Secretary: Evgenia Dimitrova, John Atanasoff Society of Automatics and Informatics (BG)

PAPER SUBMISSION

Working language of conference is English. The submission of papers is handled through the Easy Chair conference management system. You can access Easy Chair through the conference website <http://tu-varna.bg/icai/index.php/en/paper-submission>.

All submissions must follow the MS Word or LaTeX IEEE manuscript templates provided by IEEE eXpress Conference Publishing: <https://www.ieee.org/conferences/publishing/templates.html>

REGISTRATION FEE (including VAT)

Early registration: Until 10 September 2020

- o Regular fee: EUR 250
- o IEEE and SAI Members reduced fee: EUR 200
- o Students reduced fee: EUR 100 (only in case the publication is NOT co-authored by non-PhD students)

Late registration From 10 September to 30 September 2020

- o Regular fee: EUR 300
- o IEEE and SAI Members reduced fee: EUR 250
- o Students reduced fee: EUR 150 (only in case the publication is NOT co-authored by non-PhD students)

With one fee, each participant can send up to 2 papers, for each subsequent paper-an additional fee of EUR 70.

If the authors of accepted articles cannot travel due to a COVID-19 emergency, they will be able to make their presentation online and their article will be published in IEEE Xplore Digital Library like everyone else

For more details, please see the conference website <http://www.tu-varna.bg/icai>

INDEXING

Accepted papers will be submitted for inclusion into **IEEE Xplore Digital Library**. All conference papers included in IEEE Xplore will be indexed in the **SCOPUS** database.

DEADLINES

Proposals for special sessions	10.06.2020
Paper submission	10.07.2020
Notification of acceptance	20.08.2020
Presentation of papers in final form	10.09.2020
Early registration fee payment – before	10.09.2020
Final program	17.09.2020

TOPICS

- Data science
- Signal processing
- Industrial informatics
- Computer and communication systems and technologies
- Software systems and technologies
- Distributed parallel and grid computing and systems
- Artificial intelligence and intelligent systems
- Machine learning
- Cyber security
- Control theory
- Process control
- Control instrumentation and measurement
- Automation systems
- Monitoring and control of complex systems
- Bioautomatics, bioinformatics and biotechnologies
- Robotics and mechatronics
- Electrical drive and control systems
- e-Government
- e-Learning
- Applications



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