

Third Call for Papers

24th International Conference on System Theory, Control and Computing

ICSTCC 2020

(Joint Conference SINTES 24, SACCS 20, SIMSIS 24, CONTI 13)

October 8 - 10, 2020
Sinaia*, ROMANIA

<http://ace.ucv.ro/icstcc2020/>

***Due to the Coronavirus pandemic, this edition of ICSTCC will be organized as a virtual conference**

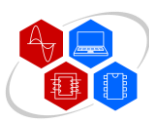
Organized by

Faculty of Automation, Computers and Electronics,
University of Craiova

Faculty of Automatic Control and Computer Engineering,
"Gheorghe Asachi" Technical University of Iași

Faculty of Automatic Control, Computers, Electrical and
Electronics Engineering,
"Dunărea de Jos" University of Galați

Faculty of Automation and Computers, Department of
Automation and Applied Informatics and Department of
Computer and Information Technology,
Politehnica University of Timișoara



Technically co-sponsored by IEEE Control Systems Society



IEEE



BACKGROUND

The 24th International Conference on System Theory, Control and Computing ICSTCC 2020 is for the 11th time organized in this format, aiming to provide a unique, multidisciplinary forum, for scientists of academia and industry to discuss the state of the art and the new trends in system theory, control and computer engineering, to present recent research results and prospects for development in this rapidly evolving area.

The ICSTCC conference joins now four previous scientific meetings hosted by University of Craiova (SINTES - International Conference on System Theory and Control), "Gheorghe Asachi" Technical University of Iași (SACCS - International Symposium on Automatic Control and Computer Science), "Dunărea de Jos" University of Galați, (SIMSIS - International Symposium on Modelling, Simulation and Identification Systems), and Politehnica University of Timișoara (CONTI – International Conference on Technical Informatics).

As well as the previous editions, ICSTCC 2020 is technically co-sponsored by **IEEE Control Systems Society** and the Proceedings will be submitted to **IEEE Xplore Digital Library**. Moreover, the Proceedings of the 2013 and 2015-2018 editions are indexed in **Clarivate Analytics Web of Science**.

ICSTCC 2020 will feature several kinds of presentations including invited talks, contributed papers, special sessions and contributions from industry, a seminar for young researchers and PhD students and a seminar-meeting dedicated to Women in Engineering, Research and Development. The outcome of ICSTCC 2020 is hoped to be an inclusive event, a comprehensive view and a better understanding of such leading research areas: control, robotics, computers, electrical and electronic engineering.

IMPORTANT DEADLINES

- **June 15, 2020:** Submission of papers
- **July 31, 2020:** Notification of acceptance
- **August 31:** Final camera-ready manuscript and registration payment of at least one of the authors
- **October 8-10, 2020:** Conference

KEYNOTE SPEAKERS (confirmed)

- Mirjana IVANOVIĆ (Serbia)
- Igor KOTENKO (Russia)
- Ioan-Doré LANDAU (France)
- Ulrich RÜCKERT (Germany)

TOPICS

The conference topics include (but are not limited to):

Automation and Robotics

- Linear and Nonlinear Control System Design
- System Identification and Process Modelling
- Robust and Adaptive Control
- Robotics and Intelligent Control
- Applications and Case Studies in Automation & Robotics
- Embedded Systems
- Automotive and Aerospace Applications

Computer Science and Engineering

- Distributed Systems and Software Engineering
- Databases, Systems of Programs and Expert Systems
- Web services, Internet Security
- Software Tools and Methods
- Grid Computing
- Artificial Intelligence
- Computer Architectures

Electronics and Instrumentation

- Modelling, Simulation and CAD Tools
- Signal Processing and Communication Systems
- Linear and Nonlinear Circuits and Systems
- Evolutionary Electronics

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PAPER SUBMISSION

Full papers should be submitted using the PaperCept Conference Management System, by web upload (web address to be communicated). Information about the web upload is available on the ICSTCC 2020 website. All materials must be written in English. Submitted papers will undergo a peer review process, coordinated by the International Program Committee.

Papers submitted for presentation should contain original research, not published or being considered for publication elsewhere. All submissions will be tested for similarity and overlap with prior published material using the iThenticate tool. The results of this analysis will be made available to the Program Committee for evaluation. Possible violations of the IEEE ethics rules in publishing will be investigated by a dedicated committee.

The corresponding author of each paper will be notified of the result by e-mail. Accepted papers will be published in the conference proceedings, provided that at least one of the authors attended the conference and presented the paper. As part of the submission procedures, authors of accepted papers must send a signed Copyright Form for each paper. In the absence of such a form, the paper cannot be published.

The final form of the papers must meet IEEE pdf compliance requirements. Maximum six pages A4 in double column format are allowed. Authors may upload longer manuscript up to a maximum of eight pages. However, each page in excess of six will incur a charge of 50 EUR.

INVITED SESSIONS

Proposals for INVITED SESSIONS in the conference topics are welcomed. People interested in organizing a SESSION should notify their intention at the mail address: icstcc2020@automation.ucv.ro. A proposal for INVITED

SESSION should include the title of the session, a half-page description of its topic, together with a list of at least six papers (authors and tentative titles) that will be submitted to the session. Papers submitted for an invited session will be reviewed in the same manner as the regular papers.

CONFERENCE FEES

- Early registration (before August 31, 2020) fee: 250 EUR (200 EUR for IEEE Members);
- Late registration fee: 300 EUR (250 EUR for IEEE Members);
- Early student registration (before August 31, 2020) fee: 175 EUR;
- Late student registration fee: 200 EUR.

A registration fee covers: attendance at all virtual sessions, conference electronic materials (electronic conference proceedings, virtual presentation attendance certificate, etc.). Student registrants are allowed to upload only one paper. Regular registrants are allowed to upload two papers. Additional papers may be uploaded for 125 EUR each.

CONFERENCE VENUE*

Sinaia is one of the most famous and oldest mountain tourist resorts in Romania, known as "The Carpathian Pearl". Situated in a breath-taking mountain scenery, Sinaia is located at 120 km distance from Bucharest, on the Prahova Valley. Blending astonishing beauty of nature with picturesque architecture, Sinaia is a former royal residence and bears a holy name, that of Mount Sinai. The 24th International Conference on System Theory, Control and Computing will be hosted by Palace Hotel, Sinaia (<http://palacesinaia.ro/palace/>), located close to the centre of the resort. This stylish hotel is a great choice for pretentious tourists, for conferences and meetings. Popular nearby tourist attractions are Sinaia Monastery and Peleș Castle (one of the best-preserved royal palaces in Europe, which served as the summer residence of the first king of Romania, Carol I).

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CONTACTS

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