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First Call for Papers

## 27<sup>th</sup> International Conference on System Theory, Control and Computing

### ICSTCC 2023

(Joint Conference SINTES 23, SACCS 19,  
SIMSIS 23, CONTI 12)

October 11-12, 2023  
Timișoara, ROMANIA

[icstcc2023.cs.upt.ro](http://icstcc2023.cs.upt.ro)

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Organized by

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

Faculty of Automation, Computers and Electronics,  
University of Craiova

Faculty of Automation and Computer Science,  
Technical University of Cluj-Napoca

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



Technically Co-sponsored by  
IEEE Control Systems Society



### BACKGROUND

The 27<sup>th</sup> International Conference on System Theory, Control and Computing ICSTCC 2023 aims at bringing together under a unique forum, scientists from academia and industry to discuss the state of the art and the new trends in system theory, control and computer engineering, and to present recent research results and prospects for development in this rapidly evolving area.

ICSTCC 2023 joins four previous different scientific meetings hosted by University of Craiova (SINTES - International Conference on System Theory and Control), "Gheorghe Asachi" Technical University of Iasi (SACCS - International Symposium on Automatic Control and Computer Science), "Dunărea de Jos" University of Galati (SIMSIS - International Symposium on Modelling, Simulation and Identification Systems), and Politehnica University of Timisoara (CONTI - International Conference on Technical Informatics).

As well as the previous editions, ICSTCC 2023 will be technically co-sponsored by **IEEE Control Systems Society** (pending) and the Proceedings will be submitted to **IEEE Xplore Digital Library**. Moreover, the Proceedings of the 2013 and 2015-2022 editions are indexed in **Clarivate Analytics Web of Science**.

ICSTCC 2023 will feature several kinds of presentations, including invited talks, contributed papers and special sessions. The outcome of ICSTCC 2023 can be a better understanding and development of some leading research areas: automation, control systems, robotics, computers, electronics and electrical engineering.

### IMPORTANT DEADLINES

- **April 19, 2023:** Submission of proposals for invited sessions
- **April 26, 2023:** Submission of papers
- **June 28, 2023:** Notification of acceptance for papers and invited sessions
- **July 26, 2023:** Final camera ready manuscript and registration payment of at least one of the authors
- **October 11-13, 2023:** Conference

### KEYNOTE SPEAKERS (Confirmed)

- **Mirijana IVANOVIĆ (Serbia)**
- **Florian DÖRFLER (Switzerland)**
- **Ming CAO (The Netherlands)**

### TOPICS

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

#### **Automation and Robotics**

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

#### **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**

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

## COMMITTEES

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## PAPER SUBMISSION

Full papers should be submitted using the PaperCept Conference Management System, by web upload at <http://controls.papercapt.net/conferences/scripts/start.pl>. 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 procedure, 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 address: [icstcc2023@cs.upt.ro](mailto:icstcc2023@cs.upt.ro). A proposal for an 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 a special session will be reviewed in the same manner as the regular papers.

## CONFERENCE FEES

- Early registration (before July 26, 2023): 375 EUR (325 EUR for IEEE Members);
- Late / on site registration: 425 EUR (375 EUR for IEEE Members);
- Early student registration (before July 26, 2023): 200 EUR;
- Late/ on site student registration: 225 EUR;
- Accompanying person registration fee: 175 EUR.

A registration fee covers: attendance at all sessions, conference materials, coffee breaks, lunches on the days of the conference, welcome reception and gala dinner. It also includes an electronic copy of the conference proceedings. Regular registrants are allowed to upload two papers. Student registrants are allowed to upload only one paper. Additional papers may be uploaded for 125 EUR each.

## CONFERENCE VENUE

Timișoara is the capital city of Timiș County and the main economic, social and cultural centre in western Romania. Located on the Bega River, Timișoara is considered the

informal capital city of the historical Banat. From 1848 to 1860 it was the capital of the Serbian Vojvodina and the Voivodeship of Serbia and Banat of Temeschwar. With 319,279 inhabitants at the 2011 census, Timișoara was then the country's third most populous city, after Bucharest and Cluj-Napoca. It is home to almost half a million inhabitants in its metropolitan area, while the Timișoara–Arad conurbation concentrates more than 70% of the population of Timiș and Arad counties. Timișoara is a multicultural city, being the home of 21 different ethnicities and 18 religions. Interculturality has long been a special characteristic for the Western part of the country.

The 27<sup>th</sup> International Conference on System Theory, Control and Computing will be hosted by the Ibis Timisoara City Center Hotel, located close to the centre of the city. This recently inaugurated hotel is a great choice for pretentious tourists, for conferences and meetings. Popular nearby tourist attractions are the Orthodox Cathedral, the Catholic Cathedral, etc.

Timisoara is the European Capital of Culture in 2023.

## CONTACTS

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