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First Call for Papers

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

### ICSTCC 2022

October 19 - 21, 2022

Palace Hotel, Sinaia, ROMANIA

[www.icstcc.ugal.ro](http://www.icstcc.ugal.ro)

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#### Organized by

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

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

Faculty of Automation, Computers and Electronics,  
University of Craiova

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

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



Technically Co-sponsored by  
IEEE Control Systems Society



#### BACKGROUND

The 26<sup>th</sup> International Conference on System Theory, Control and Computing ICSTCC 2022 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.

The conference will be for the 13<sup>th</sup> time organized in this format, joining four previous different scientific meetings: SINTES - organized by the Faculty of Automation, Computers and Electronics from University of Craiova; SACCS - organized by the Faculty of Automatic Control and Computer Engineering from "Gheorghe Asachi" Technical University of Iași; SIMSIS - organized by the Faculty of Control Systems, Computers, Electrical and Electronics Engineering from "Dunărea de Jos" University of Galați, and CONTI – organized by the Faculty of Automation and Computers from Politehnica University of Timisoara. From 2021 edition the Faculty of Automation and Computer Science from the Technical University of Cluj-Napoca joined the consortium of faculties that are organizing the ICSTCC.

Starting from 2011, ICSTCC was technically co-sponsored by IEEE Control Systems Society and the Proceedings of every edition have been included in IEEE Xplore Digital Library. For the 2013 and 2015-2020 editions the Proceedings are indexed in Clarivate Analytics Web of Science. **ICSTCC 2022 is also technical co-sponsored by IEEE Control Systems Society and the Proceedings will be submitted for inclusion in IEEE Xplore Digital Library.**

ICSTCC 2022 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 meeting dedicated to Women in Engineering, Research and Development. The outcome of ICSTCC 2022 is hoped to be an inclusive event, a comprehensive view of some leading research areas: control, robotics, computers, electrical and electronic engineering.

#### TOPICS

##### Automation and Robotics

- Linear and Nonlinear Control System Design
- Robust and Adaptive Control
- System Identification and Modelling of Processes
- Embedded Systems
- Robotics and Intelligent Control
- Applications and Case Studies in Automation and Robotics
- Automotive and Aerospace Applications
- Networked Control Systems
- Control of Distributed Parameter 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 Architecture
- Cyber-Physical Systems

##### Electronics and Instrumentation

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

#### KEYNOTE SPEAKERS (Confirmed)

- **Sorin OLARU (France)**
- **Jacqueline SCHERPEN (Netherlands)**
- **Maria VANRELL (Spain)**

#### IMPORTANT DEADLINES

- **May 6, 2022:** Submission of proposals for invited sessions
- **May 20, 2022:** Submission of papers
- **July 1, 2022:** Notification of acceptance for papers and invited sessions
- **July 29, 2022:** Final camera ready manuscript and registration payment of at least one of the authors
- **October 19-21, 2022:** Conference

#### PARTNER

**Control Systems, Computers and Electrical  
Engineering Society from Galati**

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## PAPERS SUBMISSION

Full papers should be submitted by using the PaperCept Conference Management System. Information about the web upload is available on the ICSTCC 2022 website. All materials must be written in English. Submitted papers will undergo a peer review process, coordinated by the International Program Committee. 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. The cases of 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.

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 total. However, each page in excess of six will incur a charge of 50 Euros.

## PUBLICATION AND COPYRIGHT

Papers submitted for presentation should contain original research, not published or being considered for publication elsewhere. Authors of accepted papers are expected to attend the conference and present 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.

## INVITED SESSIONS

Proposals for INVITED SESSIONS in the scope of the conference are welcome. People interested in organizing an Invited Session should submit the proposal via web upload (please see the conference website) by May 6, 2022.

A proposal for an INVITED SESSION should include the title of the session, a half-page description of its topic, and preferably a list of five or 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 fee (before July 29, 2022): 375 Euro (Full fee) / 325 Euro (IEEE Members) / 250 Euro (Student fee).
- Late / on site registration fee: 450 Euro (Full fee) / 400 Euro (IEEE Members) / 300 Euro (Student fee).

## CONFERENCE VENUE

Sinaia is one of the most famous and oldest mountain tourist resorts in Romania, known as "The Carpathian Pearl". Situated in breath-taking mountain scenery, Sinaia is located at 120 km distance from Bucharest. Blending astonishing beauty of nature with picturesque architecture, Sinaia is a formal royal residence. ICSTCC2022 will be hosted by **Palace Hotel – Sinaia** (<https://palacesinaia.ro/palace/en/>), built in 1911 and located closely to the downtown and within walking distance to Sinaia Monastery and Peleş Castle (one of the best-preserved royal palaces in Europe which served as the summer residence of the first king of Romania, Carol).



## CONTACTS

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