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First Call for Papers

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

## ICSTCC 2021

Joint Conference  
**SINTES 25**  
**SACCS 21**  
**SIMSIS 25**  
**CONTI 14**

October 20 - 23, 2021

Palace of Culture and Palas Congress Hall  
Iasi  
ROMANIA

<http://www.icstcc2021.ac.tuiasi.ro/>

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Organized by

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

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

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

University of Craiova,  
Faculty of Automation, Computers and Electronics



## BACKGROUND

The 25<sup>th</sup> International Conference on System Theory, Control and Computing ICSTCC 2021 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 12<sup>th</sup> time organized in this format, joining four previous different scientific meetings: SINTES (International Conference on System Theory and Control) - organized by the Faculty of Automation, Computers and Electronics from University of Craiova; SACCS (International Symposium on Automatic Control and Computer Science) - organized by the Faculty of Automatic Control and Computer Engineering from "Gheorghe Asachi" Technical University of Iasi; SIMSIS (International Symposium on Modelling, Simulation and Identification Systems) - organized by the Faculty of Control Systems, Computers, Electrical and Electronics Engineering from "Dunarea de Jos" University of Galati, and CONTI (International Conference on Technical Informatics) – organized by the Faculty of Automation and Computers from Politehnica University of Timisoara

Starting from 2011 the Proceedings of every edition have been included in IEEE Xplore Digital Library and since 2015 they are indexed in Clarivate Analytics Web of Science. A request has been forwarded to IEEE Control Systems Society for technical co-sponsorship and for the Proceedings inclusion in IEEE Xplore Digital Library also for this edition.

ICSTCC 2021 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 2021 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

## INVITED SPEAKERS

- [Eduard Gröller](#) – Austria
- [Ioana Banicescu](#) – USA
- [Marc Gatti](#) – France
- [Maria Prandini](#) – Italy
- [Robain De Keyser](#) – Belgium

## IMPORTANT DEADLINES

- **April 15, 2021:** Submission of proposals for invited sessions
- **April 30, 2021:** Submission of papers
- **June 15, 2021:** Notification of acceptance for papers and invited sessions
- **July 15, 2021:** Final camera ready manuscript and registration payment for at least one of the authors
- **October 20-23, 2021:** Conference

## PATRONS

- Romanian Academy of Technical Sciences (ASTR), Section of Electronics and Automatic Control
- Romanian Academy, Section of Information Science and Technology and Iasi Branch
- Romanian Society of Automatic Control and Technical Informatics (SRAIT)



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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 2021 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.

## 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 April 15, 2021.

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.

## 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.

## CONFERENCE FEES

- Early registration fee (before July 15, 2021):  
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).

## CONTACTS

Mihail VOICU, Professor Emeritus, Ph.D.  
Member of the Romanian Academy  
Faculty of Automatic Control and Computer Engineering  
"Gheorghe Asachi" Technical University of Iasi, Romania  
E-mail: [mvoicu@ac.tuiasi.ro](mailto:mvoicu@ac.tuiasi.ro), [icstcc2021@tuiasi.ro](mailto:icstcc2021@tuiasi.ro)

## CONFERENCE VENUE

[Iasi](#) is the second largest city in Romania. Located in the historical region of Moldavia, Iași has traditionally been one of the leading centers of Romanian social, cultural, academic and artistic life. Home to the oldest Romanian university and to the first engineering school, Iași is one of the most important education and research centers of the country.

[The Palace of Culture](#) was conceived as a rebuilding and expansion of the former Princely Palace of Moldavia. Inaugurated in 1925, it was designed in a flamboyant Neo-Gothic style. It hosts four museums: Art Museum, Moldavia's History Museum, Ethnographic Museum of Moldavia, and "Ștefan Procopiu" Science and Technique Museum, nowadays united under the name of Moldavia National Museum Complex.

[Palas Congress Hall](#) is located on the last floor of Palas Mall and in Palas Park. Having direct access from the outside, the halls feature green terraces and offer a splendid panorama on the Palas Garden and the Palace of Culture.