

First Call for Papers

22nd International Conference on System Theory, Control and Computing

ICSTCC 2018

(Joint Conference SINTES 22, SACCS 18,
SIMSIS 22, CONTI 11)

October 10 - 12, 2018

International Centre for Conferences CASINO,
Sinaia, ROMANIA

www.icstcc.ugal.ro

Organized by

Faculty of Automatic Control, Computers,
Electrical and Electronics Engineering, "Dunarea
de Jos" University of Galati

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

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, Politehnica University Timisoara



Technically Co-sponsored by
IEEE Control Systems Society



BACKGROUND

The *International Conference on System Theory, Control and Computing ICSTCC 2018* aims at bringing together under a unique forum, scientists from academia and industry to discuss the state of the art, the new trends in system theory, control and computing and to present recent research results and prospects for development in this rapidly evolving area.

ICSTCC 2018 joins four previous different scientific meetings hosted by "Dunărea de Jos" University of Galati (SIMSIS - International Symposium on Modelling, Simulation and Identification Systems), "Gheorghe Asachi" Technical University of Iasi (SACCS - International Symposium on Automatic Control and Computer Science), University of Craiova (SINTES - International Conference on System Theory and Control) and Politehnica University Timisoara (CONTI - International Conference on Technical Informatics).

Starting from 2010, all the editions have been technically co-sponsored by **IEEE Control Systems Society**. The Proceedings of the last seven editions are included in **IEEE Xplore Digital Library**. Moreover, the Proceedings of last two editions are indexed in **ISI Web of Science**.

In accordance with the Letter of Acquisition signed with IEEE, the **Proceedings of ICSTCC 2018** will be submitted for inclusion in **IEEE Xplore Digital Library**. The Proceedings will also be submitted for indexing in **Thomson Reuters Conference Proceedings Citation Index** (formerly **ISI Proceedings**).

ICSTCC 2018 will feature several kinds of presentations, including invited talks, contributed papers and special sessions. The outcome of ICSTCC 2018 can be a better understanding and development of some leading research areas: automation, control systems, robotics, computers, electronics and electrical engineering.

IMPORTANT DEADLINES

- **April 27, 2018:** Submission of proposals for invited sessions
- **May 4, 2018:** Submission of papers
- **June 29, 2018:** Notification of acceptance for papers and invited sessions
- **July 27, 2018:** Final camera ready manuscript and registration payment of at least one of the authors
- **October 10-12, 2018:** Conference

KEYNOTE SPEAKERS (Confirmed)

- **Alberto BEMPORAD (Italy)**
- **Gildas BESANCON (France)**
- **Emilia FRIDMAN (Israel)**
- **Ion NECOARA (Romania)**
- **Dorothee NORMAND-CYROT (France)**
- **Sigurd SKOGESTAD (Norway)**

TOPICS

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

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

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

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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Reza Katebi (UK)	Vasile Sima (RO)
Robin De Keyser (BE)	Sigurd Skogestad (NO)
Vladimir Kharitonov (RU)	Shigemasa Takai (JP)
Francoise Lamnabhi-Lagarrigue (FR)	Mariana Titica (FR)
Ioan-Dore Landau (FR)	Maria Elena Valcher (IT)
Corneliu Lazar (RO)	Honoriu Valean (RO)
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PAPERS SUBMISSION

Full papers should be submitted using the PaperCept Conference Management System, by web upload at <http://controls.papercept.net/conferences/scripts/start.pl#STCC18>. 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 Euros.

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: icstcc2018@ugal.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 fee (before July 27, 2018): 325 Euro (275 Euro for IEEE Members);
- Late /onsite registration fee: 375 Euro (325 Euro for IEEE Members);
- Early student registration fee (before July 27, 2017): 200 Euro;
- Late / on site student registration fee: 225 Euro.

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

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. ICSTCC2018 will be hosted by the **International Centre for Conferences – CASINO Sinaia**. The Sinaia Casino was built at the initiative of Carol I, first king of Romania. Construction began in 1912 and was finished a year later. The main shareholder in the Casino was Baron of Marçay, a shareholder in the Monte Carlo Casino. The opening was celebrated with a piano recital by George Enescu, becoming a major attraction between the wars. Nowadays the Casino is a beautiful international conference centre (www.casino-sinaia.ro).



CONTACTS

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