

Final Call for Papers

# 21<sup>st</sup> International Conference on System Theory, Control and Computing

## ICSTCC 2017

Joint Conference  
SINTES 21  
SACCS 17  
SIMSIS 21  
CONTI 10

October 19 - 21, 2017

Sinaia – Palace Hotel  
ROMANIA

<http://www.icstcc2017.ac.tuiasi.ro/>

### Organized by

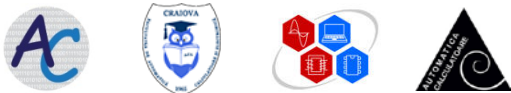
Faculty of Automatic Control and Computer  
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Faculty of Automation, Computers and Electronics,  
University of Craiova

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,  
Department of Computers and Information Technology,  
Politehnica University of Timișoara



Technically Co-sponsored by  
IEEE Control Systems Society



### BACKGROUND

The *International Conference on System Theory, Control and Computing ICSTCC 2017* 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 ICSTCC 2017 conference joins 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; CONTI (International Conference on Technical Informatics) - organized by the Faculty of Automation and Computers, the Department of Automation and Applied Informatics and the Department of Computers and Information Technology from Politehnica University of Timisoara.

As well as the previous editions, ICSTCC 2017 will be technically co-sponsored by IEEE Control Systems Society, and the proceedings will be submitted to IEEE Xplore Digital Library.

ICSTCC 2017 will feature several kinds of presentations, including invited talks, contributed papers, posters and special sessions. The outcome of ICSTCC 2017 can be a better understanding and development of some leading research areas, as already System Theory, Control and Computing have demonstrated.

### 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

### PLENARY SPEAKERS

- Daniel COCA – United Kingdom
- Sergiu NEDEVSCHI – Romania
- Marcin PAPRZYCKI – Poland
- Carla SEATZU – Italy

### EXTENDED DEADLINES

- **June 5, 2017:** Submission of papers (firm deadline)
- **July 15, 2017:** Notification of acceptance for papers
- **July 31, 2017:** Final camera ready manuscript and registration payment for at least one of the authors
- **October 19-21, 2017:** Conference

### PATRONS

- Romanian Academy
- Romanian Academy of Technical Sciences (ASTR)
- Romanian Academy, Iasi Branch
- Romanian Society of Automatic Control and Technical Informatics (SRAIT)

## COMMITTEES

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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 2017 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

- Complex Image Processing for Monitoring and Diagnosis
- Human Computer Interaction
- Propagation – Delays – Control
- Real Time Process Control

Papers submitted for a special session will be reviewed in the same manner as the regular papers.

## CONFERENCE FEES

- Early registration fee (before July 23, 2017): 325 Euro (275 Euro for IEEE Members);
- Late / on-site registration fee: 375 Euro (325 Euro for IEEE Members);
- Early student registration fee (before July 23, 2017): 200 Euro;
- Late / on-site student registration fee: 225 Euro.

## 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 register and attend the conference to present the paper. The final form of the accepted papers must meet the IEEE pdf compliance requirements. For each accepted paper, as part of the final submission procedure, the corresponding author must complete a copyright form.

## CONTACTS

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## PLACE OF THE CONFERENCE

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 formal royal residence and bears a holy name, that of Mount Sinai. The 21st International Conference on System Theory, Control and Computing will be hosted by the 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 Peles Castle (one of the best-preserved royal palaces in Europe, which served as the summer residence of the first king of Romania, Carol I).