IEEE CSS

Third Call for Papers

20th International Conference on System Theory, Control and Computing – ICSTCC 2016

Joint Conference
SINTES 20 SACCS 16 SIMSIS 20

October 13 - 15, 2016

Sinaia – Palace Hotel
ROMANIA

http://www.ace.ucv.ro/icstcc2016

Organized by

University of Craiova, Faculty of Automation, Computers and Electronics, Automatic Control Research Center (ANSO)

and supported by

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

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

IPA CIFATT CRAIOVA, Institute for Research and Engineering in Automation

Technically co-sponsored by
IEEE Control Systems Society

BACKGROUND

The Joint Conference is for the seventh time organized in this format. The main goal of this conference is to provide a multidisciplinary forum between researchers from industry and academia to discuss state-of-the-art topics in system theory, control and computing, and to present recent research results and prospects for development in this evolving area.

The ICSTCC conference emerged from the fusion of the three conferences which were separately organized by **University of Craiova**, Faculty of Automation, Computers and Electronics (SINTES - International Conference on System Theory and Control), **"Gheorghe Asachi" Technical University of Iaşi**, Faculty of Automatic Control and Computer Engineering (SACCS - International Symposium on Automatic Control and Computer Science), **"Dunărea de Jos" University of Galaţi**, Faculty of Automatic Control, Computers, Electrical and Electronics Engineering (SIMSIS - International Symposium on Modelling, Simulation and Identification Systems). As well as the previous editions, The 20th International Conference on System Theory, Control and Computing – **ICSTCC 2016 will be technically co-sponsored by IEEE Control Systems Society, and the Proceedings will be submitted to IEEE Xplore Digital Library.** The Proceedings will also be submitted for indexing in Thomson Reuters Conference Proceedings Citation Index.

ICSTCC 2016 will feature several kinds of presentations including invited and contributed papers, special sessions and poster sessions. The outcome of ICSTCC 2016 can be a better understanding of some leading research areas, as already System Theory, Control and Computing have demonstrated.

TOPICS

The topics include (but not restricted to):

Automation and Robotics

- Linear and Nonlinear Control System Design
- System Identification and Process Modelling
- Robust and Adaptive Control
- Robotics and Intelligent Control
- Applications & Case Studies in Automation & Robotics
- Embedded Systems
- Control Applications on Automotive, Biotechnology, Energy, etc.

Computer Science and Engineering

- Distributed Systems and Software Engineering
- Databases and Software Systems
- Web services, Internet Security
- Software Tools and Methods
- Cloud, Grid and High Performance Computing
- Artificial Intelligence and Multimedia Applications
- Computer Architecture

Electronics and Instrumentation

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

PLENARY SPEAKERS

- Vladimir KHARITONOV – *Russia*
- Silviu-Iulian NICULESCU – *France*
- Stefan PICKL – *Germany*
- Rodolphe SEPULCHRE – *United Kingdom*
- Theodor BORANGIU - *Romania*
- Ioan DUMITRACHE – *Romania*

PATRONS

- Ministry of Education and Research of Romania, National Authority for Scientific Research (ANCS)
- IEEE – Romanian Section
- ASTR – Romanian Academy of Technical Sciences
- SRAIT – Romanian Society for Automation and Technical Informatics

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IMPORTANT DEADLINES

- **May 16th, 2016:** Submission of proposal for INVITED SESSIONS
- **July 3rd, 2016** ~~May 31st 2016:~~ Submission of papers
- **August 10st, 2016** ~~July 15th 2016:~~ Notification of acceptance for papers and invited sessions
- **September 5th, 2016** ~~July 31st 2016:~~ Final camera ready manuscript and registration payment of at least one of the authors
- **October 13-15, 2016:** Conference

PAPERS SUBMISSION

Full papers should be submitted using the PaperCept Conference Management System. Information about the web upload is available on the ICSTCC 2016 website. The papers will undergo a peer review process, coordinated by the 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 case of possible violation 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. All materials must be written in English. If the paper is accepted, at least one of the authors must attend the conference and present the paper.

All accepted papers will be published in the conference proceedings. For publication at least one author must register at the conference and submit the paper in due time. The participants must prepare the full version of their paper following IEEE Conference Submission Standards. For details, templates and support please visit:
http://www.ieee.org/conferences_events/conferences/publishing/templates.html .
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.

SPECIAL 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 the web upload.

A proposal for INVITED SESSION should contain the title of the session and a half page description of its theme. Proposal should be sent by May 16th, 2016. Papers submitted for an invited session will be reviewed in the same manner as the regular papers.

CONFERENCE FEES

- Early registrations (before **September 5th, 2016** ~~July 31st~~) fee: 300 Euro (250 Euro for IEEE Members);
- Late registrations fee: 350 Euro (300 Euro for IEEE Members);
- Early student registration (before **September 5th, 2016** ~~July 31st~~) fee: 175 Euro;
- Late 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 attend the conference and present the paper. Selected papers will be invited to appear in: *Journal of Control Engineering and Applied Informatics* (**WoS Journal**); *Annals of the University of Craiova; Bulletin of the Polytechnic Institute of Iaşi; Annals of "Dunărea de Jos", University of Galaţi*. As a part of the procedure, authors of accepted papers must send us a signed Copyright Form for each paper. Missing the document may lead to paper unpublishing.

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 breathtaking 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 20th International Conference on System Theory, Control and Computing will be hosted by Palace Hotel (http://palacesinaia.ro/palace/), 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). This stylish hotel is the best choice for pretentious tourists, for conferences and meetings.