IEEE CSS

First Call for Papers

17th International Conference on System Theory, Control and Computing – ICSTCC 2013

Joint Conference
SINTES 17   SACCS 13   SIMSIS 17

October 11 - 13, 2013

**Sinaia – Palace Hotel
ROMANIA**

http://www.ace.ucv.ro/icstcc2013

Organized by

**University of Craiova, Faculty of Automation, Computers and Electronics,
Automatic Control Research Center**

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

"Dunărea de Jos" University of Galaţi, Faculty of Control Systems, 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 fourth 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 Control Systems, Computers, Electrical and Electronics Engineering (SIMSIS - International Symposium on Modelling, Simulation and Identification Systems). **As well as the previous editions, The 17th International Conference on System Theory, Control and Computing – ICSTCC 2013, is technically co-sponsored by IEEE Control Systems Society and the papers will be indexed in IEEE Xplore.**

ICSTCC 2013 will feature several kinds of presentations including invited and contributed papers, special sessions and poster sessions. The outcome of ICSTCC 2013 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 (Tentative)

- Andrzej BARTOSZEWICZ – Poland
- Morten HOVD – Norway
- Hitay OZBAY – Turkey

MAIN SPONSORS AND CO-ORGANIZERS

- 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

- **April 15th, 2013:** Submission of proposal for INVITED SESSIONS
- **April 30th, 2013:** Submission of papers
- **June 30th, 2013:** Notification of acceptance for papers and invited sessions
- **July 15th, 2013:** Final camera ready manuscript and registration payment of at least one of the authors
- **October 11-13, 2013:** Conference

PAPERS SUBMISSION

Full papers should be submitted using the EasyChair online submission system. The papers will undergo a peer review process, coordinated by the International Program 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://css.paperplaza.net/conferences/support/support.php .

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 a SESSION should notify their intention to the conference secretariat at address given below (please see CONTACTS).

A proposal for INVITED SESSION should contain the title of the session, a list of five or six papers, together with an extended summary (2000 words) of each paper. Proposal should be sent by April 15th, 2013. Notification of acceptance will be communicated by June 30th, 2013, and the procedure will be similar to the regular papers.

The final camera ready manuscript and registration payment of at least one of the authors are due by July 15th, 2013.

CONFERENCE FEES

- Early registrations (before July 15th 2013) fee: 250 Euro (200 Euro for IEEE Members);
- Late registrations fee: 300 Euro (250 Euro for IEEE Members);
- Early student registration (before July 15th, 2013) fee: 150 Euro;
- Late student registration fee: 180 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* (**ISI 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 17th International Conference on System Theory, Control and Computing will be hosted by Palace Hotel (http://www.palace-sinaia.ro/), 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.