



First Call for Papers

15th International Conference on System Theory, Control and Computing – ICSTCC 2011

Joint Conference
SINTES 15
SACCS 11
SIMSIS 15

October 14 - 16, 2011

Sinaia – Palace Hotel
 ROMANIA

www.ace.tuiasi.ro/icstcc2011

Organized by

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

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

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



BACKGROUND

The Joint International Conference STCC 2011 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.

The conference is for the second time managed in this format, joining three previous different scientific meetings. These were distinctly organized by the "Gheorghe Asachi" Technical University of Iași, Faculty of Automatic Control and Computer Engineering (SACCS – the International Symposium on Automatic Control and Computer Science), University of Craiova, Faculty of Automatic Control, Computers, Electrical and Electronics Engineering (SINTES – the International Conference on System Theory and Control) and "Dunărea de Jos" University of Galați, Faculty of Computer Science (SIMSIS – International Symposium on Modelling, Simulation and Identification Systems). As these events had covered the most important and also related fields from Automatic Control and Computers, by their gathering it was expected that the quality and interest can be improved, fact already supported by the first Joint Conference development in October 2010, which was technically co-sponsored by IEEE Control Systems Society (www.ieeecss.org/main/list-of-conferences/list-of-conferences-redo).

ICSTCC 2011 will feature several kinds of presentations including invited and contributed papers, special sessions and poster sessions. The outcome of ICSTCC 2011 can be a better understanding of some leading research areas, as already System Theory, Control and Computing have demonstrated.

TOPICS

The topics include (but are not restricted to):

Automation and Robotics

- Linear and Nonlinear Control System Design
- System Identification and Modelling of Processes
- Robust and Adaptive Control
- Robotics and Intelligent Control
- Applications & Case Studies in Automation & Robotics
- Embedded Systems

Computer Science and Engineering

- Distributed Systems and Software Engineering
- Databases and Systems of Programs
- Web services, Internet Security
- Software Tools and Methods
- Cloud, Grid and High Performance 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

INVITED PLENARY SPEAKERS

- Viorel Barbu - Romania
- Ioana Banicescu – United States of America
- Sorel Reisman – United States of America
- Manuel Silva – Spain
- Robin De Keyser - Belgium

MAIN SPONSORS AND CO-ORGANIZERS

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

COMMITTEES

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IMPORTANT DEADLINES

- **April 15th, 2011:** Submission of proposals for INVITED SESSIONS
- **April 30th, 2011:** Submission of papers
- **June 15th, 2011:** Notification of acceptance for papers and invited sessions
- **July 15th, 2011:** Final camera ready manuscript and registration payment of at least one of the authors
- **October 14-16, 2011:** Conference

PAPERS SUBMISSION

Full papers should be submitted via the web upload only:
<http://www.easychair.org/conferences/?conf=icstcc2011>.

Submitted 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, provided that at least one author listed on the paper has registered for the conference and that the final paper has been submitted in due time. The participants must prepare the full version of their paper following IEEE Conference Submission Standards. For details and MS Word and LaTeX 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.

INVITED SESSIONS

Proposals for INVITED SESSIONS in the scope of the conference are welcome. People interested in organizing a SESSION should notify their intention to Mihail Voicu at the 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. Proposals should be sent by April 15th, 2011. Notification of acceptance will be communicated by June 15th, 2011, 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, 2011.

CONFERENCE FEES

- Early registration (before July 15th 2011) fee: 200 Euro;
- Late registration fee: 250 Euro;
- Early student registration (before July 15th, 2011) 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*; *Bulletin of the Polytechnic Institute of Iași*; *Annals of the University of Craiova*; *The Annals of "Dunarea de Jos" University of Galati*.

As a part of the procedure, authors of accepted papers must send us a signed Copyright Form for each paper. Without this form, we cannot publish your article.

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 15th International Conference on System Theory, Control and Computing will be hosted by the Palace Hotel (<http://www.palace-sinaia.ro/>), built in 1911 and located closely to the downtown and within walking distance to the 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 I). This stylish hotel is the best choice for pretentious tourists, for conferences and meetings.