7th IFAC Symposium on System Structure and Control
&
15th IFAC Workshop on Time Delay Systems

IFAC INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL

SSSC & TDS 2019

September 9 - 11, 2019
SINAIA – Palace Hotel
ROMANIA

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

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First Announcement and Call for Papers

The organizing committee extends a cordial invitation to you to join us in Sinaia on September 9-11, 2019 for the **Joint IFAC Meeting 7th Symposium on System Structure and Control (SSSC2019) and 15th Workshop on Time Delay Systems (TDS2019).**

The origins of the IFAC Symposium on System Structure and Control goes back to the IFAC workshops held in Prague, Czech Republic in 1989 and the **6th** edition was held in Istanbul, Turkey, jointly with TDS.

The interest of the scientific community in the control of delay systems, and its applications was conveyed through a series of the workshops on Linear Time Delay Systems since July 1998 (Grenoble, France). This 15th workshop carries the same tradition and will be held jointly with SSSC in Sinaia, September 9-11, 2019.

Venue and Accommodation

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 joint conference of 7th IFAC SSSC and 15th IFAC TDS 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).

Key Dates

✓ **January 15th, 2019**: Submission of proposal for THEMATIC SESSIONS

✓ **March 1st, 2019**: Submission of papers and abstracts

✓ **June 1st, 2019**: Notification of acceptance for papers and invited sessions

✓ **July 1st, 2019**: Final camera ready manuscript and Early registration payment of at least one of the authors

✓ **August 30th, 2019**: Registration

✓ **September 9-11, 2019**: Conference, Late registration

http://ace.ucv.ro/sssc2019/
http://ace.ucv.ro/tds2019/
sssc-tds@automation.ucv.ro

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7th Symposium on System Structure and Control
15th IFAC Workshop on Time Delay Systems

9-11 September 2019
Sinaia, Romania

Program and Topics

The joint conference will be held in parallel tracks as follows:

Track A (Theory Under SSSC): Linear systems, structural properties, multivariable systems, decoupling problems, decentralized control, regulation, disturbance rejection, model matching, model reduction, time-varying systems, switched linear systems, multidimensional systems, output feedback control, observers for linear systems, linearization based control of nonlinear systems, input constrained systems, uncertain systems, robust control and analysis, complex systems, positive systems, descriptor systems, diagnosis and fault tolerant control.

Track B (Applications Under SSSC): Automotive systems, aerospace, biological systems, biology, biotechnology, biomedical applications, chemical processes, energy and nuclear systems, mechanical systems, mechatronics, network controlled systems, numerical issues in control, power systems, process control, robotics, transportation systems, vibration and control, and other emerging control applications where recently developed theoretical methods are applied.

Track C (Under TDS): Time-delay systems modelling and identification, stability and stabilization, robustness issues, filtering and estimation, control design, output feedback control under I/O delays, predictor based control, non-linear time-delay systems, distributed parameter systems, infinite dimensional systems, numerical methods, algebraic methods, sampled-data control, hybrid systems with time delays, applications of time-delay systems, biology, biotechnology, biomedical applications.

Track D: Fractional differential systems and applications
Track E: Linear parameter varying systems and applications
Track F: Functional systems and applications

Registration

There will be a single conference registration fee for the SSSC and TDS attendees: €450 for early registration (by July 01, 2019), €500 for regular registration (by August 30, 2019) and €550 for late registration (on conference site). The student registration fee will be €225 (July 01, 2019) and €275 after the early registration date. A participant's guest attending social events will be charged a student registration fee. The regular registration fee includes: sessions access, conference documents and proceedings, coffee breaks, lunches during the conference, banquet, social program.

Paper Submission and Publication

Prospective participants are invited to electronically submit full papers of their work following the instructions on the conference website. Paper submissions will be handled via the online system PaperCept. The system will open for submissions of invited session proposals and contributed papers on **January 15, 2019.**
Conference proceedings will be published online at the website of IFAC - PapersOnLine and will receive the ISSN number of the series. The presented papers will be further screened for possible publication in IFAC Journals.

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