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Editor

M. Fikar (SK)

Important Dates

Draft papers/Invited sessions submission deadline:
January 15, 2015
Notification of acceptance: April 20, 2015
Final paper submission deadline: May 24, 2015



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IFAC Symposium Robust Control Design



July 8-11, 2015
Bratislava, Slovakia



First Announcement and Call for Papers

Scope of the Conference

The conference focuses on presentation of control methods and algorithms, new control systems, information and communication technologies (ICT) and their industrial applications. Its main aim is to provide a general forum for researchers, teachers and users from practice dealing with practical problems of control and ICT. Conference papers may range from highly theoretical works to industrial and engineering applications. Technical program will include invited talks of leading personalities in control engineering and ICT.

Venue

Bratislava is a capital of Slovakia with a population of about 420,000. It is situated in south-western Slovakia on both banks of the river Danube, not far from Vienna (60km), Budapest (200km) and Prague (300km). Bratislava is typical by its old-town charm, sophisticated restaurants, traditional pubs, good music ranging from jazz to opera, stylish people, and an appropriate size being often denoted as a Little Big City.

Radisson Blu Carlton Hotel Bratislava

- elegant hotel artfully restored to its original splendour
- historical accommodation in the heart of the city
- all rooms with individually controlled air-condition
- outstanding location, ideal base for sightseeing tours
- spacious conference and seminar facilities
- high-speed wireless internet, own parking



Topics

- Robust Stability and Performance
- Model and Controller Reduction
- H-infinity and / Optimal Control and Estimation
- μ Analysis and Synthesis
- Structured and Unstructured Uncertainties
- Quantitative Feedback Theory
- Frequency Domain Methods
- LMI and Convex Optimization
- Robust Model Predictive Control
- Robust Adaptive Control
- Robust Nonlinear Control
- Computational Methods
- Fault Detection in Uncertain Systems
- H-infinity Identification
- Identification for Robust Control
- Iterative Identification and Control
- Robust Control for Distributed Parameter Systems
- Hybrid Systems Control
- Control applications (e.g.: Aerospace, Automotive, Process Control, Mechatronics, Communications, System Biology, Power Systems, etc.)

Information for Authors

All papers must be submitted electronically as PDF files following the IFAC conference format (<http://www.ifac-control.org/events/information-for-ifac-authors>) through the PaperPlaza (<http://ifac.papercept.net/conferences/scripts/start.pl>) by October 10, 2014.

The maximum number of pages is limited to six (6). Papers must be in agreement with the IFAC Copyright Policy (<http://www.ifac-control.org/publications/copyright-conditions>).

Slovak IFAC NMO



SLOVENSKÁ SPOLOČNOSŤ PRE KYBERNETIKU A INFORMATIKU PRI SAV
SLOVAK SOCIETY FOR CYBERNETICS AND INFORMATICS

Registration Fees

Standard registration (before June 7, 2015): **420 €**

Late registration (after June 7, 2015): **500 €**

Student registration: 210 €

The registration fee includes:

- organization costs
- access to all technical sessions
- ROCOND´15 Symposium Preprints
- two papers for Standard and Late Registrants, one paper for Student Registrants
- access to Symposium Banquet
- coffee breaks
- lunches

Symposium Secretariat

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