

# CALL FOR PAPERS



13th IFAC Symposium on

## Control in Transportation Systems CTS'2012

September 12-14, 2012 Sofia, Bulgaria

CTS'2012 is sponsored by the IFAC Technical Committee on Transportation Systems  
Co-sponsored: Technical Committee 1.3

### Aim

CTS'12 is a forum for academics and practitioners, allowing them to discuss the current trends as well as scientific and technological challenges in Transportation Systems.

### Topics

Specific topics and areas include but not limited to:

- \* Intelligent Transportation Systems; Automated Highway Systems
- \* Intelligent/Automated Vehicles; Ramp Metering and Speed limit Control
- \* Modelling, Control and Optimization of Transportation Systems
- \* Traffic Light Control
- \* Sensor Technologies for Control; Weigh in Motion
- \* Public Transportation
- \* Freight Transportation: Control, Optimization, Routing etc
- \* Rail Transportation: maglev, control, scheduling, modelling, simulations
- \* Marine Transportation: Control, scheduling
- \* Ports and Terminals; Air transportation
- \* Safety and warning devices Human factors
- \* Simulation Tools/Commercial software

### Invited Session Topics

IFAC CTS'12 solicits proposals for invited sessions to be held as part of the Symposium. An invited session consists of at least 4 papers. Session topics have to be consistent with the Symposium's theme and topics.

### Paper Format

Final paper submission should be prepared according to

<http://www.ifac-control.org/events>

The template is available from the website. Upon acceptance, authors will be required to register and present their papers. Papers will be published in the conference proceedings only if at least one of the authors is officially registered. Each registration covers one paper.

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### Organizers

\*The Bulgarian Committee of Automatic Control - National Member Organization of IFAC in Bulgaria - [www.sai.bg/ifac.htm](http://www.sai.bg/ifac.htm);  
\*\*"John Atanassoff" Society of Automatics and Informatics - [www.sai.bg](http://www.sai.bg)

### Keynote speakers:

- \* Professor Michel Fliess, Ecole supérieure d'électricité, France
- \* Professor Petros Ioannou, University of Southern California, USA
- \* Professor Markos Papageorgiou, Technical University of Crete, Greece
- \* Assoc. Professor Antonio Pascoal, Portugal
- \* Assoc. Professor Giovanni Indeveri, Università del Salento, Lecce, Italy

### Important dates

Submission of draft papers:

**February, 28, 2012**

Special Session Proposal Submission:

**February, 28, 2012**

Notification of Acceptance:

**June 4, 2012**

Final version due:

**June 29, 2012**

Early registration deadline:

**June 15, 2012**

Workshop participation:

**September 12-14, 2012**

### Rates/Registration

Early Registration: **Until 9 July 2012 - 300 euro**

Late Registration: **After 9 July 2012- 350 euro**

**More info:** <http://hs27.iccs.bas.bg>

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