IFAC

International Federation of Automatic Control

First Announcement and Call for Papers

9th IFAC Workshop on Time Delay Systems

June 7 – 9, 2010
CTU conference centre
Prague, Czech Republic

www.tds2010.fs.cvut.cz

Czech Technical University in Prague
Faculty of Mechanical Engineering
Centre for Applied Cybernetics

Background

The 9th IFAC Workshop on Time Delay Systems aims at pursuing the tradition of previous workshops: Grenoble (France, 1998), Ancona (Italy, 2000), Santa Fe (USA, 2001), Rocquencourt (France, 2003), Leuven (Belgium, 2004), L'Aquila (Italy, 2006), Nantes (France, 2007) and Sinaia (Romania, 2009).

Scope

The objective is to bring together the specialists in the field of Time Delay Systems. High level contributions on many aspects of this research area ranging from theory over numerics to various applications, are awaited. Contributions on related domains will be considered with great interest, provided they contain relations with Time Delay Systems. Industrial participants and junior researchers are particularly welcome.

Topics

- Modelling and identification
- Stability and stabilisation
- Robustness issues
- Filtering and estimation
- Control schemes
- Infinite dimensional systems
- Numerical methods
- Algebraic methods
- Applications (engineering, physics, biology, economics)

Important deadlines

- **December 1st, 2009**: Submission of draft papers and invited sessions
- **February 22nd, 2010**: Notification of acceptance.
- **April 1st, 2010**: Submission of final papers and early registration deadline.
- **June 7-9, 2010**: Workshop.

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Sponsors

- IFAC TC on Linear Control Systems (main sponsor)
- IFAC TC on Nonlinear Systems (co-sponsor)
- IFAC TC on Robust Control (co-sponsor)
- IFAC TC on Control Design (co-sponsor)
- IFAC TC on Networked Systems (co-sponsor)

Local support

- Czech Technical University in Prague
- Ministry of Education of the Czech Republic
- Engineering Academy of the Czech Republic
- Institute of Information Theory and Automation of the ASCR

Paper submission

Full papers should be submitted in PDF format by December 1st, 2009, by e-mail to NOC Program Editor (*tomas.vyhlidal@fs.cvut.cz*) or by using the online submission system. The papers will be reviewed by the international program committee, and the corresponding author of each paper will be notified of the result by email.

All accepted papers will be published in the workshop proceedings, provided that one author has paid the registration fees and that the final paper is produced in due time and following the publication instructions.

The final papers should be prepared accordingly to the detailed instructions and templates that are available at *http://www.ifac-control.org/events/information-for-ifac-authors*. Maximum six pages in double column format are allowed.

Invited sessions

Proposal for INVITED SESSIONS by the scope of the workshop are welcome. People interested in organizing a SESSION should notify their intention to NOC Program Editor (*tomas.vyhlidal@fs.cvut.cz*).

The corresponding proposal for INVITED SESSION should contain the title of the session, a list of five (5) or six (6) papers, together with an extended summary (2000 words) of each paper. Proposal should be sent by December 1st, 2009.

Notification of acceptance for both papers and invited sessions will be communicated by February 22nd, 2010. The final manuscript and registration payment of at least one of the authors are due by April 1st, 2010.

Workshop fees

- Early registration fee: 380 Euros;
  (before April 1st, 2010)
- Late registration fee: 430 Euros;
- Early student registration fee: 200 Euros;
  (before April 1st, 2010)
- Late student registration fee: 230 Euros.

Publication and copyright

The material submitted for presentation at an IFAC meeting (Congress, Symposium, Conference, Workshop) must be original, not published or being considered elsewhere. All papers accepted for presentation will appear in the Preprints of the meeting and will be distributed to the participants.

Proceedings of the IFAC Congress, Symposia, Conferences and Workshops will be hosted on-line on the IFAC-PapersOnLine website. The presented papers will be further screened for possible publication in the IFAC Journals (Automatica, Control Engineering Practice, Annual Reviews in Control, Journal of Process Control, Engineering Applications of Artificial Intelligence, and Mechatronics), or in IFAC affiliated journals. All papers presented will be recorded as an IFAC Publication.

Copyright of material presented at an IFAC meeting is held by IFAC. Authors will be required to transfer copyrights electronically and/or in hard copy. The IFAC Journals and, after these, IFAC affiliated journals have priority access to all contributions presented. However, if the author is not contacted by an editor of these journals, within three months after the meeting, he/she is free to submit an expanded version of the presented material for journal publication elsewhere. In this case, the paper must carry a reference to the IFAC meeting where it was originally presented and, if the paper has appeared on the website *http://www.ifac-papersonline.net*, also a reference to this publication.

Contacts

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Location

The IFAC-TDS 2010 workshop will be held in Masarykova kolej - the Conference center of the Czech Technical University in Prague

Address: Masarykova kolej, Thákurova 1, Prague 6– Dejvice

CTU in Prague

Centre for Applied Cybernetics