



Symposium on Recent Trends in Networked Systems and Cooperative Control  
Workshop on Network Induced Constraints in Control

September 28/29, 2009, Stuttgart, Germany  
<http://www.ist.uni-stuttgart.de/nestcoc/>

The NE{S|T}COC Symposium and Workshop will be held on September 28/29, 2009 in Stuttgart, Germany. This two day event is meant to give an overview over the rapidly developing field of networked systems and cooperative control and will serve as a platform to discuss current issues and future trends in the field.

On the first day, eight invited speakers will give plenary talks on recent trends in networked systems and cooperative control within the **“Symposium on Recent Trends in Networked Systems and Cooperative Control” (NESCOC)**. Confirmed speakers are:

- Murat Arcak
- Pierre-Alexandre Bliman
- Francesco Bullo
- Joao Hespanha
- Ali Jadbabaie
- Karl Henrik Johansson
- Antonis Papachristodoulou
- Rodolphe Sepulchre

On the second day, a tutorial **“Workshop on Network Induced Constraints in Control” (NETCOC)** provides introductory presentations to different aspects of network induced constraints in control and serves as a platform for discussion. This workshop will deal with different aspects of network induced constraints like quantization or loss and delay of packets. It is perfectly suited as an introduction to this expanding area.

There is the possibility to **submit contributions to the poster sessions** that will take place during both days. The area of focus of the poster sessions include, but are not limited to:

- cooperative control
- consensus, rendezvous, and flocking
- synchronization
- networked control systems
- teleoperation
- modeling, analysis, and control of communication networks
- sensor networks

The deadline for submission of extended two page abstracts is June 26, 2009. Submission of abstracts in PDF-format is through the conference website [www.ist.uni-stuttgart.de/nestcoc/](http://www.ist.uni-stuttgart.de/nestcoc/) where you find additional information on format etc. Submitted contributions will undergo a peer-review process.

**Important Deadlines:**

- Extended abstract submission: June, 26<sup>th</sup>, 2009
- Notification of acceptance: July, 17<sup>th</sup>, 2009
- Advanced registration: July 31<sup>st</sup>, 2009
- Final submission: August 31<sup>st</sup>, 2009

Advanced registration fee: **€90** (including lunches and IST Birthday Banquette on the first day).

On-site registration fee: **€120**

The events take place on the occasion of the **10th Anniversary of the Institute for Systems Theory and Automatic Control, University of Stuttgart** and are directly following the IFAC NecSys Workshop in Venice, so that interested participants can conveniently attend both events in one trip.

Further information about NE{S|T}COC can be found at the conference web page at [www.ist.uni-stuttgart.de/nestcoc](http://www.ist.uni-stuttgart.de/nestcoc) or by contacting the conference organizers

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