



# CONCOM 2009

## CONTROL OVER COMMUNICATION CHANNELS

JUNE 27 2009

CONVENTION AND EXHIBITION (COEX), SEOUL, SOUTH KOREA

CONCOM 2009 is an adjunct workshop of the 7th International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt 2009), in connection with the 2009 IEEE International Symposium on Information Theory.

### WORKSHOP CHAIRS

**Nuno C. Martins**, University of Maryland

**Serdar Yüksel**, Queen's University, Canada

### PLENARY LECTURE

**Sanjoy Mitter**, Mass. Institute of Technology

### TECHNICAL PROGRAM COMMITTEE

**C. Charalambous**      **A. Mahajan**

**J. Freudenberg**      **P. Mehta**

**V. Gupta**              **D. Nescic**

**C. Hadjicostis**        **H. Ozbay**

**J. Hespanha**          **A. Sahai**

**H. Ishii**                **A. Savkin**

**M. Jovanovic**        **S. Tatikonda**

**C. Langbort**          **T. Weissman**

- Design algorithms and principles for large distributed systems
- Distributed consensus, agreement, and optimization
- Multi-terminal source and channel coding with limited feedback
- Distributed sensing over noisy channels
- Distributed control under rate and distortion constraints
- Graphical models in distributed control and estimation
- Distributed diagnosis and inference
- Code design for dynamic systems

### PAPER SUBMISSION INFORMATION

*Submit electronically through the workshop website: [www.concom.org](http://www.concom.org).*

Submission deadline: March 1, 2009

Acceptance notification: April 1, 2009

Camera-ready copy: May 1, 2009

### AREAS COVERED

We expect contributions in:

- Stochastic dynamic games and teams
- Interaction of information and control
- Reliable communication with feedback
- Optimal and robust control under decentralized information structures

**MORE INFORMATION**  
[WWW.CONCOM.ORG](http://WWW.CONCOM.ORG)  
[WWW.WIOPT.ORG](http://WWW.WIOPT.ORG)



Design by Rebecca Copeland, ISR