



# ALCOSP 2013

## 11th IFAC International Workshop on Adaptation and Learning in Control and Signal Processing

July 3-5, 2013

University of Caen Basse-Normandie, Caen, France

<http://alcosp-2013.sciencesconf.org/>



In control and signal processing, adaptation and learning are natural tools to cope with real-time changes in the dynamical behaviour of signals and systems. In this respect, there has been an increasing interest in the use of computationally intelligent methods as potential tools to improve adaptation.

The 11th ALCOSP edition has the goal of bringing together researchers and practitioners interested in adaptation and learning, providing them with a forum for presentation of recent developments and assessment of most promising trends for future research.

In IFAC, this workshop is one of the rare periodic events gathering potential actors from both the control and the signal processing communities. It is rooted in a long standing IFAC activity since ALCOSP 2013 is the 11th in a series originated in San Francisco (1983) and continued in Lund (1986), Glasgow (1989), Grenoble (1992), Budapest (1995), Glasgow (1998), Cernobbio-Come (2001), Katayama (2004), Saint-Petersburg (2007) and Antalya (2010). It is sponsored by the IFAC Technical Committees:

- TC 1.2: Adaptive and Learning Systems
- TC 1.1: Modeling, Identification and Signal Processing
- TC 2.1: Control Design
- TC 3.2: Computational Intelligence in Control
- TC 6.3: Power & Energy Systems

The scope of the conference will cover, but is not limited to:

- Adaptation in Control and Signal Processing
- Machine Learning in Control and Signal Processing
- Identification Methods in Control and Signal Processing
- Optimisation Techniques in Control and Signal Processing
- Application fields

All submitted papers will be reviewed by the International Program Committee and are subject to the IFAC copyright conditions. Papers presented at ALCOSP 2013 will be made freely available on-line through the IFAC-PapersOnLine.net website and citable via an ISSN and a DOI. ALCOSP 2013 will be held simultaneously as PSYCO 2013 and all participants of ALCOSP can attend sessions of PSYCO.

### Important deadlines

Invited session proposal	December 7, 2012
Paper submission	December 15, 2012
Paper acceptance	February 28, 2013
Author's registration	April 10, 2013

Contact: [alcosp-2013@sciencconf.org](mailto:alcosp-2013@sciencconf.org)



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