



PSYCO 2013

5th IFAC International Workshop on Periodic Control Systems

July 3-5, 2013

University of Caen Basse-Normandie, Caen, France

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



Periodic control has been an active research area over the last decades. Several ideas, techniques and approaches have been developed for periodic systems modelling, analysis, identification, prediction, observation and control. The developed theoretical tools have been applied in many industrial fields including aeronautic and aerospace, telecommunications, power systems, and others.

The IFAC international workshop PSYCO aims at bringing together researchers and practitioners interested in periodic control and its applications in science and engineering. It will provide a forum for presentation of recent developments and assessment of most promising trends for future research.

PSYCO 2013 is the 5th in an IFAC series originated in Cernobbio-Come (2001) and continued in Katayama (2004), Saint-Petersburg (2007) and Antalya (2010). It is sponsored by the IFAC Technical Committees:

- TC 1.2: Adaptive and Learning Systems
- TC 2.1: Control Design
- TC 2.3: Nonlinear Control Systems
- TC 6.3: Power & Energy Systems

The scope of the workshop covers, but is not limited to:

- Modelling and identification of periodic systems
- Periodic systems analysis
- Stability and instability of periodic systems
- Periodic control design and analysis
- Learning control
- Repetitive control
- Discrete-time and sampled-data systems
- Multi-rate and hybrid systems
- Control of time-varying systems and networks
- Control of oscillations
- Time-series of periodic signals
- Complex dynamics

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

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: psyco-2013@sciencconf.org

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