



IFAC Workshop
Preprints

PERIODIC CONTROL SYSTEMS

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Workshop on
Periodic Control Systems

PSYCO 2001

Cernobbio-Como (Italy)
27, 28 August 2001

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Welcome to PSYCO 2001

Over the last decades, periodic control ideas and techniques have reached a notable degree of maturity. Many applications have been developed in various fields, including aerospace and power systems, robotics, telecommunication networking management, digital control devices, biological and biomedical signal and systems, earth signals and environmental data modelling, physics, etc. The workshop aims at presenting the full picture of the area for the first time. The main subjects are: Analysis of periodic systems, Design methods of periodic controllers, Multi-rate and sampled-data digital control, Repetitive control, Cyclostationary processes and periodic time series, Time varying and LPV systems.

PSYCO 2001 draws together a wide range of up-to-date contributions in the area. The program consists of technical sessions, organized in two parallel streams, and two plenary lectures.

On behalf of the International Program Committee and the National Organizing Committee, we would like to welcome you in Cernobbio-Como. We hope you will enjoy the workshop.

Sergio Bittanti
IPC Chair

Patrizio Colaneri
NOC Chair

PSYCO 2001

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Organization and Sponsorship

The workshop is organized by:

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It is sponsored by:

- IFAC Technical Committee on Linear Systems
- IFAC Technical Committee on Control Design

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The local organization is due to the *Centro di Cultura Scientifica A. Volta*, located at Villa Olmo, Como, Italy.

Program

IFAC WORKSHOP ON PERIODIC CONTROL SYSTEMS - August 27, 2001	
9:15-9:30	<p><i>Welcome Address</i> SERGIO BITTANTI Politecnico di Milano</p>
9:30-10:30	<p><i>Periodic Optimal Hypersonic Cruise and Guidance</i> JASON L. SPEYER University of California at Los Angeles, USA</p>
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12-7/06. Como - Panorama.