

CHAOS 2018

5th IFAC Conference on Analysis and Control of Chaotic Systems



October 30 - November 1, 2018

University of Technology
Eindhoven, The Netherlands

<http://chaos2018.wtb.tue.nl/>

IMPORTANT DEADLINES

Invited session proposal	15-04-2018
Paper submission	15-04-2018
Paper acceptance	5-09-2018
Author's registration	5-09-2018

This conference is related to analysis and control of chaotic systems. It provides a forum for the presentation of new developments in the important interdisciplinary field of chaos control, synchronization and complex networks. The research activity in this field is driven by the needs of different application domains such as: biology (brain dynamics, heart beating, etc.), physics (optics, magnetism, fluid dynamics, etc.), mechanics, smart industry, engineering (non-linear dynamics of electronic and power electronic systems, chaos encrypted signals, walking robots, etc.), economics (critical decision, etc.), chemical engineering, and so on. The aim of the conference is to provide the communities of control engineering, physics, economics, biology, fluid dynamics, power electronics, electronic circuits, etc. with an opportunity to exchange information and new ideas and to discuss new developments in the field of chaos control and synchronization. Both theory and applications will be discussed.

The conference will cover all topics related to complex dynamics within the framework of control systems theory and engineering, including (but not limited to) the following: control of complex systems, bifurcations in complex systems, nonlinear time series and identification, brain dynamics, small world networks, applications (biology, chemical engineering, physics, electrical engineering), control and observation via communication constraints, providing a discussion forum for the physics, chaos and control system communities.

The 5th IFAC International Conference on Analysis and Control of Chaotic Systems is sponsored by the IFAC Technical Committees:

TC2.3: Non-linear control systems	TC1.2: Adaptive Learning Systems
TC1.3: Discrete Event and Hybrid systems	TC1.5: Networked Systems
TC8.2: Biological and Medical Systems	TC2.1: Control design

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