

NDES 2009

17th International Workshop on
Nonlinear Dynamics of Electronic Systems
Rapperswil, Switzerland, June 21-24, 2009

Call For Papers

The 17th International Workshop on Nonlinear Dynamics of Electronic Systems (NDES 2009) will be held June 21-24, 2009, on the campus of the Technical University of Applied Sciences HSR in Rapperswil, Switzerland. The conference aims at stimulating and enabling scientists from all over the world to exchange knowledge and ideas in the field of nonlinear dynamics and its applications in a friendly atmosphere. Nonlinear phenomena are observed in diverse areas such as physics, biology, economics, electronics and computer science. The workshop will cover cutting-edge research in these highly active fields and explore new perspectives of nonlinear dynamics in interdisciplinary applications.

Fields of interest (not limited to):

- Theory, analysis, modeling, implementations and applications of nonlinear circuits and systems in science, technology and biology
- Coding, language, communication, network analysis, multiscale systems
- Abstract and detailed neural networks, neurodynamics; nonlinear signal processing
- Classical and biological computation
- DNA machines and biological morphogenesis
- Nonlinear devices: sensors, robots, lasers
- Time-series analysis of nonlinear systems
- Chaos control and synchronization
- Biological oscillations and bifurcations

Author's Schedule:

4-page paper submission deadline:	1. February 2009
Notification of acceptance:	1. March 2009
Deadline for 4-page camera-ready:	1. April 2009
Deadline for author registration:	1. April 2009

Organizing committee:

Ruedi Stoop (General Chair, UZH/ETHZ)
Hans Herrmann (Technical Program Chair, ETH)
Josef Joller (Local Arrangement Chair, HSR)
Markus Christen (Finance Chair, UZH/ETHZ)
Tom Jasa (Publication Chair, UZH/ETHZ)
Stefan Martignoli (Secretary, UZH/ETHZ)
Yoko Uwate (Secretary, UZH/ETHZ)

In Cooperation with:

Institute of Neuroinformatics Uni / ETH Zurich, HSR Rapperswil,
Institute of Applied Simulations ZHAW

For more information on NDES 2009: <http://stoop.ini.unizh.ch/>

