

2014 International Symposium on Nonlinear Theory and its Applications (NOLTA2014)

Luzern, Switzerland, September 14–18, 2014



First Call for Papers

The 2014 International Symposium on Nonlinear Theory and its Applications (NOLTA 2014) will be held September 14–18, 2014 in Luzern, Switzerland. The objective of the symposium is to provide a forum for exchange of the latest results related to nonlinear theory and its applications. Papers describing original results in all aspects of nonlinear theory and its applications are invited. Topics include, but are not limited to:

Chaos and Bifurcation
Oscillations
Synchronization
Coupled Oscillators
Communication
Chua's Circuits
Control
Complex Systems
Complex Networks
Optics
Chemistry
Physics
Bioinformatics

Chaotic Neural Networks
Cellular Neural Networks
Learning and Memory
Prediction and Identification
Image and Signal Processing
Neuro Dynamics
Evolutionary Computation
Optimization
Fractals
Solitons
Applied Mathematics
Biomedical Data Processing

Circuits and Systems
Self-Validating Numerics
Modeling and Simulation
Large-Scale Networks
Analog and Digital ICs
Distributed Networks
Power Systems
Robotics
Fuzzy Systems
Biocybernetics
Economics
Biomedical Engineering

Symposium Committee

General Chairs:

Ruedi Stoop (Uni/ETH, Zurich)
Yoshifumi Nishio (Tokushima Univ.)

Honorary Chair:

Martin Hasler (EPFL)

Technical Program Chairs:

Hans Herrmann (ETH Zurich)
Norikazu Takahashi (Okayama Univ.)

Special Session Chair:

Francis Lau (Hong Kong Polytechnic Univ.)
Tetsushi Ueta (Tokushima Univ.)

Finance Chairs:

Markus Christen (ETH Zurich)
Masahiro Wada (Konan Univ.)

Publication Chair:

Yasuteru Hosokawa (Shikoku Univ.)

Publicity Chair:

Hisato Fujisaka (Hiroshima City Univ.)

Local Arrangement Chairs:

Thomas Ott (Zurich Univ.
of Applied Sciences)
Florian Gomez (ETH Zurich)

General Secretaries:

Stefan Martignoli (Rapperswil Univ.
of Applied Sciences)
Yoko Uwate (Tokushima Univ.)

ORGANIZER:

Research Society of Nonlinear Theory and its Applications, IEICE

IN COOPERATION WITH:

Technical Group on Nonlinear Problems, IEICE
Technical Group on Circuits and Systems, IEICE

Paper Submission

Authors are invited to submit full papers in PDF format via the web site:

<http://chaos.keiei.shikoku-u.ac.jp/NOLTA14/>

Only electronic submissions will be accepted. Corresponding authors of accepted papers will be requested to submit a 4-page final paper for the symposium proceedings.

Special Sessions

NOLTA2014 welcomes proposals for special sessions. Proposals will be evaluated based on the timeliness and the scientific quality of the topic. Notification of acceptance will be sent to the organizers by March 1, 2014. Please submit proposals via email by February 15, 2014 to:

NOLTA'14 Special Session Proposal E-mail: nolta14ss@keiei.shikoku-u.ac.jp

Student Paper Award

The NOLTA2014 Symposium Committee will select a small number of papers to receive the Student Paper Award. Candidates are nominated by TPC of NOLTA2014 before the Symposium. The Candidates are asked to present the paper at the Symposium. The selection is based on the quality, originality, and clarity of the paper and the presentation.

Author's Schedule

Deadline for Special Session proposals: 15 February 2014

Notification of acceptance for Special Sessions: 1 March 2014

Deadline for submission of full papers for Regular and Special Sessions: 1 April 2014

Notification of acceptance for Regular and Special Session Papers: 1 June 2014

Deadline for submission of all camera-ready papers: 15 June 2014

