

2010 International Symposium on Nonlinear Theory and its Applications

NOLTA 2010
MCK (International Cultural Center), Krakow, Poland,
September 5-8, 2010

Symposium Committee

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First Call for Papers

The 2010 International Symposium on Nonlinear Theory and its Applications (NOLTA 2010) will be held at [MCK \(International Cultural Center\), Krakow, Poland](#), **September 5-8, 2010**. 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
Oscillation
Synchronization
Coupled Oscillators
Communication
Chua's Circuits
Control
Complex Systems
Fractals
Soliton
Applied Mathematics
Biomedical Data Processing
Complex Networks

Chaotic Neural Networks
Cellular Neural Networks
Learning and Memory
Prediction and Identification
Image and Signal Processing
Neuro Dynamics
Evolutionary Computation
Optimization
Fuzzy
Biocybernetics
Economics
Biomedical Engineering
System Biology

Circuits and Systems
Self-Validating Numerics
Modeling and Simulation
Large-Scale Networks
Analog and Digital ICs
Distributed Networks
Power Systems
Robotics
Optics
Chemistry
Physics
Bioinformatics

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
IEEE Circuits and Systems Society

Author's Schedule:

Deadline for Special Session proposals:	1 February 2010
Notification of acceptance for Special Sessions:	1 March 2010
Deadline for submission of full papers for Regular and Special Sessions:	1 April 2010
Notification of acceptance for Regular and Special Session Papers:	15 June 2010
Deadline for submission of all camera-ready papers:	1 July 2010

Student Paper Award

The NOLTA 2010 Symposium Committee will select a small number of papers to receive the Student Paper Award. Candidates are nominated by TPC of NOLTA 2010 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.

For more information about NOLTA 2010, please visit the web site :

<http://nolta10.is.tokushima-u.ac.jp>