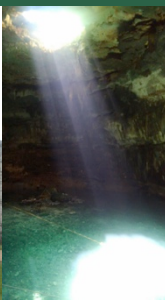


NOLTA2017

CANCÚN INTERNATIONAL CONVENTION CENTER,

CANCÚN, MEXICO

DECEMBER 4TH-7TH, 2017



The 2017 International Symposium on Nonlinear Theory and its Applications (NOLTA2017) will be held at Cancún International Convention Center, Cancún, Mexico from December 4th to 7th, 2017. 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:

Analog and Digital ICs
Applied Mathematics
Artificial Intelligence
Bio cybernetics
Biomedical Data Processing
Biomedical Engineering
Cellular Neural Networks
Chaos and Bifurcation
Chaotic Neural Networks
Chemical Reaction Systems
Circuits and Systems
Communications
Complex Networks
Complex Systems

Computational Neuroscience
Control
Coupled Oscillators
Deep Learning
Electrical and Electronic
Engineering
Evolutionary Computation
Fractals
Fuzzy Systems
Image and Signal Processing
Large-Scale Networks
Learning and Memory
Mathematical Economics
Memristors

Modeling and Simulations
Neuro Dynamics
Optics
Optimization
Oscillations
Power Systems
Prediction and Identification
Robotics
Self-Validating Numerics
Social Dynamics
Soft Matter
Solitons
Synchronization

SYMPOSIUM COMMITTEE

GENERAL CO-CHAIRS

Antonio Palacios (San Diego State University)
Hisato Fujisaka (Hiroshima City University)

TECHNICAL PROGRAM CO-CHAIRS

Visarath In (SPAWAR)
Kiyohisa Natsume (Kyushu Institute of Technology)

TECHNICAL PROGRAM SECRETARY

Katsumi Tateno (Kyushu Institute of Technology)

SPECIAL SESSION CO-CHAIRS

Luciano Buono
(University of Ontario Institute of Technology)
Hiroyuki Torikai (Kyoto Sangyo University)

SPECIAL SESSION SECRETARY

Munehisa Sekikawa (Utsunomiya University)

FINANCE CHAIR

Hidehiro Nakano (Tokyo City University)

FINANCE SECRETARY

Nobuyoshi Komuro (Chiba University)

PUBLICITY CHAIR

Takashi Matsubara (Kobe University)

PUBLICATION CO-CHAIRS

Maria Leite (University of South Florida)
Tadashi Tsubone (Nagaoka University of Technology)

PUBLICATION SECRETARY

Wataru Kurebayashi (Aomori University)

GENERAL CO-SECRETARIES

Hugo Gonzalez (Monterrey Institute of Technology)
Masahiro Wada (Konan University)
Takeshi Kamio (Hiroshima City University)

ORGANIZER

NOLTA Society, IEICE

IN COOPERATION WITH

Technical Committee on Nonlinear Problems, IEICE
Technical Committee on Complex Communication Sciences, IEICE
Technical Committee on Circuits and Systems, IEICE

PAPER SUBMISSION

Authors are invited to submit full papers in PDF format via the website:
<http://www.nolta2017.org/>

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

NOLTA2017 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 May 1, 2017. Please submit proposals via email by April 19, 2017 to:

NOLTA2017 Special Session Proposal E-mail: ss@nolta2017.org

AUTHOR'S SCHEDULE

Deadline for Special Session proposals	Apr. 19 th , 2017*
Notification of acceptance for Special Sessions	May 1 st , 2017*
Deadline for submission of full papers for Regular & Special Sessions	May 28 th , 2017*
Notification of acceptance for Regular & Special Session papers	July 28 th , 2017*
Deadline for submission of all camera-ready papers	Aug. 28 th , 2017*

(*: extended)

STUDENT PAPER AWARD

The NOLTA2017 symposium will recognize outstanding student papers with the "Student Paper Award". Each accepted full paper authored by a student is eligible for the award, provided that the student is the first author and the presenter at the symposium. The award recipients are selected based on both the quality of the paper and the presentation.