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

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**PAPER SUBMISSION**
Authors are invited to submit full papers in PDF format via the website: [http://www.nolta2017.org/](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. 19th, 2017*
- **Notification of acceptance for Special Sessions**: May 1st, 2017*
- **Deadline for submission of full papers for Regular & Special Sessions**: May 28th, 2017*
- **Notification of acceptance for Regular & Special Session papers**: July 28th, 2017*
- **Deadline for submission of all camera-ready papers**: Aug. 28th, 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.

For further information, please visit the website: [http://www.nolta2017.org/](http://www.nolta2017.org/)