



NOLTA'18
2018 International Symposium
on Nonlinear Theory and Its Applications
Palau de Congressos de Tarragona,
Tarragona, Spain, September 2–6, 2018



The 2018 International Symposium on Nonlinear Theory and Its Applications (NOLTA2018) will be held at Palau de Congressos de Tarragona, Tarragona, Spain, Sep. 2–6, 2018. 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:

Nonlinear Phenomena

- Chaos and Bifurcation
- Oscillations and Synchronization
- Chemical Reactions

Computational Intelligence

- Neural Networks
- Deep Learning and Artificial Intelligence
- Evolutionary Computation
- Fuzzy Systems

Engineering Applications

- Nonlinear Circuits and Systems
- Control Systems
- Communication Networks and Systems
- Signal Processing
- Applied Mathematics

Complex Networks/Systems

- Large-Scale Networks
- Social Dynamics
- Neuro Dynamics
- Mathematical Economics

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ORGANIZER:

IEICE NOLTA Society

IN COOPERATION WITH:

Italian Society for Chaos and Complexity

Technical Committee on Nonlinear Problems, IEICE NOLTA Society

Technical Committee on Complex Communication Sciences, IEICE NOLTA Society

PAPER SUBMISSION:

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

<http://www.ieice.org/~nolta/symposium/nolta2018/>

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:

NOLTA2018 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 Jan. 4, 2018. Please submit proposals via email by Dec. 15, 2017 to:

NOLTA2018 Special Session Proposal E-mail: ss@nolta2018.org

AUTHOR'S SCHEDULE:

Deadline for Special Session proposals:

Dec. 15, 2017

Notification of acceptance for Special Sessions:

Jan. 4, 2018

Deadline for submission of full papers for Regular and Special Sessions:

Feb. 15, 2018

Notification of acceptance for Regular and Special Session Papers:

Apr. 15, 2018

Deadline for submission of all camera-ready papers:

May 15, 2018

STUDENT PAPER AWARD:

The NOLTA2018 Symposium Committee will present student paper awards. The award candidates should be a full student, and the first author and the presenter of the NOLTA2018 paper. In addition, the awarded paper should be a 4-page camera-ready manuscript. The selections of the awards are based on the quality, originality, and clarity of the paper and the presentation.