



2023 International Symposium
on Nonlinear Theory and Its Applications

Cittadella Campus of the University of Catania,
Catania, Italy, September 26–29, 2023



The 2023 International Symposium on Nonlinear Theory and Its Applications (NOLTA2023) will be held at Cittadella Campus of the University of Catania, Catania, Italy, Sep. 26–29, 2023. 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 Theory in Science and Engineering**
Applied Mathematics/Bifurcation/Chaos/Fractal/Fuzzy/Learning and Memory/Networks/Nonlinear Circuit/Nonlinear Oscillation/Optics/Optimization/Signal Processing/Soliton
- **Nonlinear Phenomena in Science and Engineering**
Chemical Reaction Systems/Complex Networks and Systems/Neuroscience and Neuro Dynamics/Soft Matter/Synchronization
- **Mathematical and Numerical Methods**
Evolutionary Computation/Modeling and Simulations/Prediction and Identification/Self-Validating Numerics
- **Interdisciplinary Fields**
Biocybernetics/Bioinformatics/Biomedical Science/Mathematical Economics/Social Dynamics
- **Applications in Science and Engineering**
Analog and Digital ICs/Communications/Control/Electrical and Electronic Engineering/Power Systems/Robotics

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ORGANIZER:

IEICE NOLTA Society

IN COOPERATION WITH:

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:

<https://nolta2023.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:

NOLTA2023 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 Mar. 31, 2023. Please submit proposals via email by Mar. 15, 2023 to:

NOLTA2023 Special Session Proposal E-mail: ss@nolta2023.org

AUTHOR'S SCHEDULE:

Deadline for Special Session proposals:	Mar. 15, 2023
Notification of acceptance for Special Sessions:	Mar. 31, 2023
Deadline for submission of full papers for Regular and Special Sessions:	May 7, 2023
Notification of acceptance for Regular and Special Session Papers:	Jun. 1, 2023
Deadline for submission of all camera-ready papers:	Jun. 26, 2023

STUDENT PAPER AWARD:

The NOLTA2023 Symposium Committee will present student paper awards. The award candidates should be a full student, and the first author and the presenter of the NOLTA2023 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.