



10<sup>th</sup> International Conference on Control,  
Decision and Information Technologies

July 01- 04, 2024

Valletta, Malta

## CALL FOR PAPERS - SPECIAL SESSION

### “Novel developments in electronic implementation of nonlinear systems ”

for **CODIT 2024**

**July 01-04, 2023** ▪ Valletta, Malta

#### Session Chair:

Dr. Roberto Rafael Rivera Durón, University of Guadalajara, Mexico ([roberto.rivera@lagos.udg.mx](mailto:roberto.rivera@lagos.udg.mx))

#### Session description:

This special session addresses the problem of electronic implementation of nonlinear dynamical systems. Numerical simulations offer a good approximation when studying dynamic systems and complex networks. However, sometimes they are limited, so the use of electronic implementations is recommended. These implementations can be analog, digital or hybrid. By means of these electronic implementations some emergent phenomena as consensus or synchronization can be widely studied.

The goal of this session is to share trends in the study of complex networks and the phenomena that emerge in them when they are implemented electronically.

The topics of interest include, but are not limited to:

- Synchronization phenomena in complex networks of electronic oscillators.
- Consensus in networks.
- Hybrid implementation of dynamical systems.
- Control in electronic complex networks.

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#### SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 03, 2024:**

<http://controls.papercept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDiT 2024 link** “Submit a Contribution to CoDiT 2024” and follow the steps.

**IMPORTANT:** All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

#### DEADLINES

**February 03, 2024:** deadline for paper submission

**April 14, 2024:** notification of acceptance/reject

**May 10, 2024:** deadline for final paper and registration