The 4th International Conference on Innovative Research in Applied Science, Engineering and Technology

May 16-17, 2024

Faculty of Sciences Dhar El Mahraz Fez, Morocco

*IEEE conference record number: #60544*

# The 1ST International Workshop on Intelligent Control For Complex Autonomous Systems

## *Welcome to IWICCAS 2024*

### *WORKSHOP DESCRIPTION*

The applications of control systems have always been in great demand given their existence in the most demanded industrial sectors such as automobiles, aeronautics, robotics, renewable energies, etc. The study of artificial intelligence and optimization algorithms in the modeling and control of systems is becoming very important thanks to the good results achieved in the industrial field. The main objective of this workshop is to provide a platform for subject matter experts in the practical application of control. It will include all areas of systems control engineering, including identification, modeling, design, control law generation, and implementation in embedded systems.

### *RECOMMENDED TOPICS*

Topics to be discussed in this Workshop include (but are not limited to) the following:

- **Intelligent control and embedded systems**
- **Embedded control system design**
- **Intelligent Control of autonomous systems (automobiles, drones, robots ...)**
- **Fuzzy Techniques and Systems**
- **Fuzzy control theory**
- **Sliding mode control, LMI...**
- **Control of physical engineering systems**
- **Feedback control systems;**
- **Control of renewable energy systems (wind turbine systems, photovoltaic systems ...)**

### *ACCEPTED PAPERS*

All accepted and presented papers will be published in the **IEEE Xplore Digital Library** and indexed in **Scopus**. The extended versions of selected papers will be submitted for publication in indexed Journals.

### *JOINT CONFERENCE*

**IWICCAS 2024** will be held on the sidelines of the 4th International Conference on Innovative Research in Applied Science, Engineering and Technology (**IRASET'2024**) from May 16-17, 2024 in Fez, Morocco.

### *SUBMISSION PROCEDURE*

Researchers and practitioners are invited to submit papers for this Workshop themes on *Intelligent Control of Complex Autonomous Systems* ***on or before 15 February 2024.***

All submissions must be original and may not be under review by another publication.

INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://www.iraset.org/2024/call-for-papers/.

### *IMPORTANT DATES :*

- ***Paper Submission:* February 15, 2024**
- ***Acceptance Notification:* From March 20, 2024**
- ***Camera-ready and Registration:* April 20, 2024**
- ***Conference date:* May 16-17,2024**

# ORGANIZING COMMITEE

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