A los interesados en la sesión especial deberán seleccionar la opción de "special session" con el código ta11y. Para cualquier duda o comentario por favor dirigirse a Adolfo Perrusquía cuyo correo se muestra abajo.

CALL FOR PAPERS - SPECIAL SESSION

"Detection and Prediction in Counter -Drone Systems"

for CODIT'23

July 03-06, 2023 ▪ Rome, Italy

Session Chair:

Dr. Adolfo Perrusquía, Cranfield University, UK (email: Adolfo.Perrusquia-Guzman@cranfield.ac.uk)

Session description:

This special session deals with the problem of intention prediction in counter-drone systems. Given the recently malicious use of drones for disrupting national facilities and transporting illicit material, there is a need of countermeasures to detect, classify, protect, and prevent possible attacks.

The goal is to explore the current technologies used for detection and protection, and the main emerging drone's threat vectors for malicious attacks.

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

- Autonomous vehicles.
- Deep Learning and Machine Learning
- Trajectory Inference
- Signal Processing
- Instrumentation, Sensors and Measurement Science
- Data-driven methods
- Flight physics
- Vehicle Aerodynamics
- Guidance and control

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **January 27, 2023:** **http://controls.papercept.net/conferences/scripts/start.pl**. In PaperCept, click on the **CoDIT 2023 link "Submit a Contribution to CoDIT 2023" 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

January 27, 2023: deadline for paper submission

April 15, 2023: notification of acceptance/reject

May 20, 2023: deadline for final paper and registration