



CALL FOR PAPERS - SPECIAL SESSION
“Control for Unmanned Aerial Vehicles”
for CODIT’22
May 17-20, 2022 ▪ Istanbul, Turkey

Session Co-Chairs:

Associate Prof. Gerardo Flores, Center for Research in Optics, Mexico (email : gflores@cio.mx)

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Session description

This special session deals with the problem of Control for Unmanned Aerial Vehicles. The authors are encouraged to propose new UAV control strategies dealing with problems related to the autonomy of UAVs.

The kind of UAVs includes but is not limited to multicopters, VTOLs, airplanes, and hybrid configurations. The topics of interest include, but are not limited to:

- Control (feedforward or/and feedback control, linear/nonlinear)
- Modeling and identification
- Control for new UAV configurations
- Path planning and navigation
- Observers and signal estimation
- Visual servo control
- Multiagents
- Applications
- UAS testbeds
- Aerial manipulation
- Artificial intelligence in UAS
- Sensor fusion

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **January 07, 2022** : <http://controls.paperccept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDIT 2022 link** **“Submit a Contribution to CoDIT 2022” 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 07, 2022: deadline for paper submission

March 4, 2022: notification of acceptance/reject

March 30, 2022: deadline for final paper and registration