The 2nd International Workshop on Advances in Innovative Drone Enhanced Applications

Helsinki, Finland, 7-8 November 2019

at the 25th Conference of Open Innovations Association FRUCT

www.fruct.org/IDEA19

This International Workshop on Advances in Innovative Drone Enhanced Applications (IDEA19) will be held on November 7-8, 2019 in Helsinki, in conjunction with FRUCT25 (https://www.fruct.org/cfp).

Overview

Drones are starting to be part of our daily lives, becoming vital for ensuring services in different fields such as aerial inspection and monitoring, precision farming, security, rescue, logistics, media, explorations. Opportunities offered by drones, as leverage for jobs and new business, are based on recent technological developments acting as a catalyst for innovative applications with great economic potential. The Workshop is organised with the aim of bringing together people interested to discuss and enlighten the challenges, the opportunities and the long-term ambitions of innovative drone applications and technologies. IDEA19 is addressed to researchers, stakeholders and enterprises active in this domain.

The topics of interest include, but are not limited to the following subject areas:

- Drones and IoT convergence
- Embedding flying sensors and actuators in IoT Infrastructures
- Simulation platforms for drone applications
- Aerial Multispectral Photography
- Drone-based monitoring in search, rescue and disaster management support
- Drone-based environmental and infrastructure monitoring
- Drones in deep-learning loops
- Drones in systems of systems loops
- Formation flying applications
- Beyond the line of sight drone operations
- Business models for drone start-ups
- Drones and pilots' regulations trends
- Challenges, opportunities and threads in drone platforms, tools and apps

Call for papers

We welcome the submission of papers within the topic of interest as follows:

- Full papers (min 6 full pages and up to 12 pages), deadline: **September 16, 2019**
- Short papers (min 200 words, max 5 pages) deadline **September 16, 2019**
- Poster or demo summary (200 words - 5 pages), deadline: **October 28, 2019** (https://www.fruct.org/demo25)

Publication

Accepted full papers will be published in FRUCT proceedings (ISSN 2305-7254), included to IEEE Xplore and indexed by Scopus, ACM and DBLP. Selected papers will be recommended for CPCI indexing (Web of Science).

Submission

Papers and demos submission shall be done via the EasyChair conference management system.

More details are available at https://www.fruct.org/submit.

For clarification and enquiries, please feel free to contact organisers: info@arcticdronelabs.com, info@fruct.org

Registration

Please register at the conference web page at https://www.fruct.org/registration