



Unmanned Aerial Vehicles: Platforms, Applications, Security and Services

Guest Editors:

Prof. Dr. Carlos Tavares Calafate

Computer Engineering
Department (DISCA), Universitat
Politècnica de València (UPV),
46022 Valencia, Spain

Dr. Mauro Tropea

DIMES Department, University of
Calabria, 87036 Rende (CS), Italy

Deadline for manuscript
submissions:

closed (31 May 2020)

Message from the Guest Editors

Dear Colleagues,

The use of unmanned aerial vehicles (UAVs) has attracted prominent attention from researchers, engineers, and investors in multidisciplinary fields such as agriculture domain, coverage issues, emergency situations, disaster events, farmland and environment monitoring, 3D-mapping, etc. The use of this technology is playing an important role in supporting human activities. Man is concentrating more and more on intellectual work, trying to make practical activities more and more automated in order to increase their efficiency. In this regard, the use of drones is increasingly becoming a key aspect of this automation process. A drone offers many advantages including agility, efficiency, and reduced risk, especially in dangerous missions.

The research on UAVs is becoming increasingly important and, for this reason, we want to propose a Special Issue where we invite submissions of technical papers that may address, but are not limited to, the following topics:

- UAV platforms
- UAV power/energy efficiency
- Connectivity issues
- Real-time services and applications
- Security and privacy for UAVs





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)