

Special Issue

Smart Sensors for Unmanned Aerial Vehicles (UAVs)

Message from the Guest Editors

The scope of this Special Issue includes, but is not limited to, smart sensors integrated into UAV platforms, sensors for remote sensing, artificial intelligence applied to UAVs, data processing for UAV and sensor information, applications for smart sensors, and UAV systems. Contributions may focus on, but are not limited to:

- UAV remote sensing;
- Smart sensor technology;
- UAV Intelligent sensing;
- Onboard embedded systems;
- Sensor data processing;
- Edge/fog computing in UAV contexts;
- UAV design;
- UAV and multi-UAV applications based smart sensors;
- MEC-based UAV applications;
- Dynamic UAV missions based on smart sensing;
- Software engineering for UAV applications;
- Privacy, security, and trust for UAVs;
- Human–UAV interaction based on smart sensors;
- Resources allocation, offloading, and tasks scheduling in UAV context;
- Novel trends to extend UAV remote sensing.

Welcome to contribute.

Guest Editors

Prof. Dr. José Luis Herrero Agustín

Prof. Dr. Carlos Tavares Calafate

Prof. Dr. Jesús Salvador Lozano Rogado

Prof. Dr. Chaker Abdelaziz Kerrache

Deadline for manuscript submissions

closed (30 April 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/97230

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.8 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the first half of 2025).