Special Issue

Innovative Technologies and Services for Unmanned Aerial Vehicles

Message from the Guest Editors

We are pleased to invite you to contribute to a Special Issue on "Innovative Technologies and Services for Unmanned Aerial Vehicles" in Electronics. Unmanned aerial vehicles (UAVs) have emerged as a transformative technology with a wide range of applications in various domains. This Special Issue aims to explore the latest developments in UAV technologies and services, highlighting innovative solutions that enhance their capabilities and applications. We aim to foster interdisciplinary discussions and collaborations to push the boundaries of UAV applications. By bringing together high-quality research articles and reviews, we seek to create a comprehensive overview of the advancements in this field and stimulate further research and development. The scope of this Special Issue encompasses a broad range of topics related to innovative technologies and services for UAVs. We encourage submissions in areas including, but not limited to:

- Autonomous navigation and control systems
- Sensing and imaging technologies
- Communication and networking
- Payload and service delivery
- Energy efficiency and sustainability
- Regulatory and legal aspects

Guest Editors

Dr. Tao Hong

School of Electronics and Information Engineering, Beihang University, Beijing 100191, China

Dr. Fei Qi

Mobile Technology Research Department, China Telecom Research Institute. Beijing 102209. China

Deadline for manuscript submissions

closed (15 May 2025)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/177810

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

mdpi.com/journal/electronics





Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



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).

