

Special Issue

IoT Sensing and Networking with UAVs

Message from the Guest Editors

This Special Issue solicits novel work in terms of solutions and techniques for UAV networks in the IoT context. We look forward to creating a forum in which researchers in the domain of UAV networks can share their results, techniques, surveys, analyses, and discussions of the problems of UAV networks in the IoT context. Topics of interest for this Special Issue include topics that address the fields related to UAV networks, including the following:

- UAV networking;
- Energy management in UAV and IoT;
- UAV and IoT sensing;
- UAV routing protocols;
- UAV mobility models;
- SDN for UAV and IoT networking;
- NFV paradigm for UAV and IoT;
- UAV architectures and platforms;
- UAV applications;
- UAV path-planning and trajectory studies;
- UAV coordination problems;
- AI and UAV;
- UAV security and privacy;
- Security aspects of UAV and IoT integration.

Guest Editors

Dr. Dimitris Kanellopoulos

Dr. Changsheng You

Dr. Hazim Shakhatreh

Deadline for manuscript submissions

closed (15 September 2023)



Network

an Open Access Journal
by MDPI

Indexed in Scopus
Tracked for Impact Factor



mdpi.com/si/160798

Network

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
network@mdpi.com

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





Network

an Open Access Journal
by MDPI

Indexed in Scopus
Tracked for Impact Factor



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



About the Journal

Message from the Editor-in-Chief

Network provides full coverage of all topics of interest involved in the networking area. The purpose of this journal is to bring together researchers, engineers, and students from academia and industry to present novel ideas and solid research about the theoretical and practical aspects in the application domains of communications and networks. The primary focus of the journal is on the analysis, modeling, design, simulation, and implementation of networks. This journal will also serve to attract research concerning applying networking architectures and scenarios to emerging research topics such as Internet of Things (IoT), edge computing, distributed ledger technology, among others.

Editor-in-Chief

Prof. Dr. Alexey Vinel

School of Information Technology, Halmstad University, 301 18
Halmstad, Sweden

Author Benefits

Open Access:

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

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.9 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the second half of 2024).