

## Special Issue

# Positioning and Localization in UAV Networks/Flying Ad Hoc Networks

### Message from the Guest Editor

This Special Issue aims to contribute to the state of the art and to introduce current developments concerning the study of UAVs' positioning, navigation, and localization. Therefore, prospective authors are invited to submit original contributions for review for publication in the open-access journal *Electronics*. Topics of interest include (but are not limited to) the following:

- UAV navigation and localization systems;
- Localization techniques in flying ad hoc networks;
- Guidance, navigation, and control;
- Networked swarms;
- UAV coordination;
- Autonomous control technology;
- Localization and routing;
- Localization and swarm intelligence in UAV networks;
- Distributed solutions for AI-enabled UAV networks;
- Experimental results for AI-enabled UAV networks;
- Optimization techniques in UAV localization;
- Energy-efficient UAV localization;
- Vision-based autonomous navigation of UAVs.

### Guest Editor

Dr. Muahmmad Yeasir Arafat

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### Deadline for manuscript submissions

closed (20 June 2023)



## Electronics

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## 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.

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### Editor-in-Chief

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#### 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).