

Special Issue

Indoor Localization: Technologies and Challenges

Message from the Guest Editor

This Special Issue encourages authors from academia and industry to submit new research results regarding technological innovations and novel applications for the indoor positioning and navigation of sensor networks. We also welcome comprehensive reviews on well-established and relatively mature technologies, demonstrating the technical performance, potentials, and limitations of these technical solutions. Topics of interest include but are not limited to the following areas:

- Localization technologies: TOF, TDOA, AoA, ADoA, RSSI, fingerprinting, dead reckoning;
- Sensors and sensory systems: acoustic, RF, UWB, optical, magnetic, IMU;
- Sensor fusion, filtering, and error mitigation;
- Hybrid positioning;
- Signal processing for indoor localization;
- Machine learning in indoor localization;
- Applications and localization services (ambient assisted living, robotics, etc.);
- Unconventional solutions;
- News trends on indoor localization.

Please click [here](#) to find information!

Welcome to contribute!

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2020)



Electronics

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CiteScore 6.1



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).

