

Special Issue

New Advances in Navigation and Positioning Systems

Message from the Guest Editors

Navigation and location services are basic needs of human social life. They play a basic supporting role in various military and civilian fields and are widely used in emergency rescue, public safety, mass travel, Internet of Things, smart cities, and other fields. The aim of the present Special Issue is to foster advances in user activity and location awareness for a wide range of practical applications and research studies. We encourage the submission of both theoretical and applied research results focused on various aspects, including but not limited to, the following:

- Human activity recognition;
- Floor recognition;
- Indoor/outdoor recognition;
- Autonomous positioning and navigation;
- Pedestrian positioning;
- Robot navigation;
- Magnetic positioning;
- Radio frequency positioning;
- Multi-source positioning;
- Digital twin;
- Intelligent vehicle;
- GNSS and applications;
- Location privacy-preserving.

Guest Editors

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Dr. Ze Li

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Dr. Ming Xia

Deadline for manuscript submissions

closed (15 October 2024)



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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.

Editor-in-Chief

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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).