

Special Issue

Feature Papers in Navigation and Positioning

Message from the Guest Editors

The goal of this Special Issue is to publish a collection of insightful and influential original articles or reviews dealing with key topics in the field. All papers in this Special Issue will be published in a printed edition book and intensively promoted. Potential topics:

- GNSS precise positioning algorithms and models (e.g., PPP, RTK);
- Smartphone and low-cost GNSS positioning;
- Integration of multi-constellation signals (e.g., multi-GNSS, SBAS, LEO);
- GNSS biases and calibration (multipath modeling, GNSS antenna PCV+PCO, and so on);
- Atmospheric signal propagation modeling in GNSS positioning (tropo, iono);
- Positioning integrity/quality;
- Multi-sensor fusion;
- Positioning using Signals of Opportunity (e.g., Wi-Fi, BT, mobile phone 5G/6G);
- Positioning using dedicated/bespoke terrestrial ranging signals (e.g., UWB, Locata);
- Optical, radar, map and SLAM-based methods;
- Non-RF signal techniques (e.g., magnetic, ultrasound, inertial);
- Bio-nav (e.g., animal or human perception, landmarks);
- Non-conventional estimation/fusion algorithms (e.g., AI/ML, semantics).

Guest Editors

Prof. Dr. Chris Rizos

Prof. Dr. Yang Gao

Prof. Dr. Allison Kealy

Prof. Dr. Jacek Paziewski

Deadline for manuscript submissions

closed (31 May 2023)



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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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