



Feature Papers in Navigation and Positioning

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 May 2023)

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).





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Message from the Editor-in-Chief

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