

Special Issue

Signal Processing for Satellite Navigation and Wireless Localization

Message from the Guest Editors

Positioning and navigation are critical for location-based applications. While Global Navigation Satellite Systems (GNSSs) have shown great success in many areas, their performance is lower in challenging environments, a problem which current researchers are endeavoring to overcome using new algorithms. Positioning can also be achieved via radio-based positioning by cellular, WiFi, DTV, or other signals of opportunities. Therefore, this Special Issue aims to bring the latest advances in signal processing research for satellite navigation and wireless localization. We welcome submissions on methodological or technical aspects focused on (but not limited to) the following topics:

- New GNSS algorithms and receiver design technologies;
- Measurement error modeling and mitigation;
- Interference (jamming, meaconing, and spoofing) countermeasures;
- Localization via wireless networks;
- Localization via signals of opportunities;
- Artificial intelligence in localization and navigation;
- Indoor localization and navigation systems;
- Multi-source cooperative localization and navigation;
- Integration of LEO-PNT with GNSS;
- LEO-PNT as augmentation for GNSS.

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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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