Special Issue

Advances in GNSS Signal Processing and Navigation

Message from the Guest Editors

This Special Issue will highlight the latest technological developments in GNSS signal processing, LEO opportunistic Doppler-aided GNSS positioning, GNSS alternatives, and novel applications. The scope of this Special Issue will be broadly interpreted to include, but not be limited to, the following topics:

- GNSS Signal Processing for Positioning, Navigation, and Timing
- Cybersecurity Framework of GNSS for PNT Services
- Opportunistic PNT with Signals from LEO Communication Satellites and Signal Processing
- Opportunistic PNT with Signals from Terrestrial Radio Frequency Sources and Signal Processing
- Electromagnetic Space Radio Safety and GNSS Signals Monitoring Framework
- GNSS Signal Processing based on Machine Learning, Deep Learning, and Generative Artificial Intelligence
- Artificial Intelligence Applications for GNSS
- GNSS Spoofing Detection and Signals Processing
- GNSS Jamming Detection and Signals Processing
- GNSS Signals Monitoring and Signals Processing
- Passive Radar Signal Processing based on GNSS Signals
- GPS Service for Geodynamics
- GNSS Real-Time Kinematic (RTK) Techniques and Signals Processing

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