



sensors



an Open Access Journal by MDPI

GNSS Signals and Precise Point Positioning

Guest Editor:

Prof. Dr. Thomas Pany

Institute of Space Technology
and Space Applications,
Universität der Bundeswehr
München, Werner-Heisenberg-
Weg 39, 85577 Neubiberg,
Germany

Deadline for manuscript
submissions:

1 October 2024

Message from the Guest Editor

Since global navigation satellite systems (GNSSs) became available to the public, GNSSs have become a well-established tool in a broad area of research. Ushered in by an increasing demand for availability, accuracy, and reliability, the mitigation of these challenges has steered intense research on advanced receiver design.

The precise point positioning (PPP) technique is receiving increasing interest due to its cost-effectiveness, global coverage and high accuracy. However, the emergence of multiple satellite navigation systems, including BDS, Galileo, modernized GPS, and GLONASS, brings great opportunities and challenges for PPP. These solutions are shaping the future of GNSS receivers through advanced signal processing and machine learning tools.

This Special Issue considers varied solutions and applications to improve GNSS navigation quality, as well as new applications and improvements in precise point positioning navigation. Special attention is devoted to smartphones and low-cost receivers, data analysis for GNSS, different types of navigation, data demodulation as for the Galileo High Accuracy Service, and combining different sensors with GNSS.



mdpi.com/si/126595

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)