

Special Issue

Robust Processing for GNSS

Message from the Guest Editors

Global navigation satellite system (GNSS) technology is experiencing rapid and sometimes unexpected developments. The wide availability of inertial sensor measurements, received signal strength indicator (RSSI) readings from Bluetooth and WiFi beacons, round trip time (RTT) observations specified by the WiFi IEEE 802.11-2016 standard, and several types of signals of opportunity (SoP) are promoting the development of robust sensor fusion algorithms that can improve GNSS performance, provide a seamless navigation experience, and cope with impairments such as radio frequency (RF) interference, weak GNSS signal conditions, and difficult reception environments. This Special Issue will investigate different approaches that can improve GNSS performance through advanced algorithms for signal processing and navigation, and through hybridization with measurements from other sensors. There will be a specific focus on robustness, intended as the ability of a system to operate under non-nominal conditions such as jamming and RF interference.

Guest Editors

Dr. Daniele Borio

Dr. Ciro Gioia

Dr. Andriy Konovoltsev

Deadline for manuscript submissions

closed (30 April 2021)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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.

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

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