







an Open Access Journal by MDPI

# Mobile Multi-Sensors in Positioning, Navigation, and Mapping Applications

Guest Editors:

#### Dr. Sameh Nassar

Mobile Multi-Sensor Systems Reaserch Group, University of Calgary, Calgary, AB T2N 1N4, Canada

#### Prof. Dr. Aboelmagd Noureldin

Department of Electrical and Computer Engineering, Royal Military College of Canada (RMCC) with Cross-Appointment at both the School of Computing and the Department of Electrical and Computer Engineering, Queen's University, ON K7L 3N6, Canada

Deadline for manuscript submissions:

closed (15 May 2021)

# **Message from the Guest Editors**

The main objective of this Special Issue is to feature the current advances related to mobile multisensors in postioning, navigation, and mapping applications. Invited original research contributions can cover a wide range of topics, including but not lmited to:

- Sensor calibration and evaluation.
- Signal processing techniques
- Sensor data fusion
- Land, airborne, and marine applications
- Sensor stochastic error models
- Robotics
- Autonomous driving
- Optimal estimation techniques
- Autonomous underwater vehicles (AUV)
- Micro-electromechanical systems (MEMS)
- Indoor positioning and navigation
- Unmanned aerial vehicle (UAV) applications
- Multi-sensor systems in challenging environments
- Remote sensing applications
- Pipeline surveying and monitoring
- Vision-aided navigation













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 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)

#### **Contact Us**