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GNSS and Fusion with Other Sensors

Guest Editors:

Dr. Gerard Lachapelle
University of Calgary, Department of Geomatics Engineering, Calgary, Canada

Dr. Daniele Borio
European Commission, Joint Research Centre (JRC), Varese, Italy

Dr. James T. Curran
ESTEC (The European Space Research and Technology Centre), 2201 AZ Noordwijk, The Netherlands

Deadline for manuscript submissions:
closed (15 June 2018)

Message from the Guest Editors

Dear Colleagues,

Countless developments continue to enhance GNSS accuracy, reliability and continuity performance and applicability. These include the development of new constellations, signal capture and aiding of sensors, and robust signal processing and integration algorithms. The parallel introduction of increasingly-performing smartphone sensors that are capable of aiding or replacing GNSS, in partly- or totally-denied environments, is resulting in nearly seamless outdoor/indoor navigation.

The main themes and keywords to guide potential authors are as follows:

1. Reliable positioning and navigation
2. Navigation with smartphone and wearable sensors
3. Driver-less vehicular navigation

Navigation, positioning, location, GNSS signal interference, jamming, spoofing, reliability, resilience, authentication, accuracy, continuity; inertial measuring units, accelerometer, gyro, barometer, compass, camera and other smartphone and wearable sensors; LiDAR, radar, visual and thermal infrared cameras, ultrasonic, collision avoidance V2V, vehicle-to-vehicle positioning, advanced driver assistance navigation systems, interfe

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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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