



sensors



an Open Access Journal by MDPI

Sensor Innovations for Spacecraft Guidance, Navigation, and Control

Guest Editors:

Prof. Anton De Ruiter

Department of Aerospace
Engineering, Ryerson University,
350 Victoria Street, Toronto, M5B
2K3, Canada

Prof. Dr. John Enright

Department of Aerospace
Engineering, Ryerson University,
350 Victoria Street, Toronto, ON
M5B 2K3, Canada

Deadline for manuscript
submissions:

closed (31 January 2015)

Message from the Guest Editors

Dear Colleagues,

Emerging applications in small spacecraft ADCS, on-orbit proximity operations and planetary exploration, are driving researchers to develop innovative GNC technologies. We are pleased to announce this special issue of *Sensors*, and invite manuscripts that highlight recent advances in this field. The scope of this special issue will include:

- Innovative designs for GNC sensors
- Novel sensing concepts and architectures
- Improvements in data processing techniques that enhance GNC performance.
- Case studies illustrating advances in sensor modelling, calibration, testing, and flight experiments

Enquiries about the issue's scope can be directed to the Guest Editors.

Prof. Dr. Anton de Ruiter

Prof. Dr. John Enright

Guest Editors



mdpi.com/si/3520

Special Issue



sensors



an Open Access Journal by MDPI

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

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 and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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