Special Issue

Advanced Fiber Optic Gyroscopes

Message from the Guest Editor

Fiber-optic gyroscopes (FOGs) are key instruments for rotation measurement in the field of inertial technology. Although they have been under development for more than 40 years, it is still a fascinating research area. The research in the field is focused on further suppressing the drift and noise caused by temperature and its variation, and on improving the performance of interferometric FOG. As resonant fiber-optic gyroscopes have unique advantages, breakthroughs in technical scheme, fiber material and detection technology are urgently required. This Special Issue therefore aims to gather original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of FOG. For more details, please visit here.

Guest Editor

Prof. Dr. Yuanhong Yang

School of Instrumentation and Optoelectronic Engineering, Beihang University, Beijing 100191, China

Deadline for manuscript submissions

closed (15 March 2023)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/134933

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/journal/sensors

About the Journal

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.

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

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)