



sensors



an Open Access Journal by MDPI

Microwave Components for Wireless Sensor and Instrumentation Applications

Guest Editor:

Prof. Dr. Kang Wook Kim

School of Electronic and
Electrical Engineering,
Kyungpook National University,
Daegu 41566, Republic of Korea

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

Dear Colleagues,

This Special Issue is dedicated to emerging new technologies using microwave components and systems for wireless sensing and its instrumentation. Today, in the middle of the fourth industrial revolution, advanced technologies such as 5G communications, the Internet of Things (IoT), and artificial intelligence, based on cloud computing and a high-performance computing, have revolutionized the technology, which demands the transmission of a huge volume of digital data in a fast time scale. High-speed digital signals already contain significant high-frequency spectra spreading on microwave/mm-wave frequencies. Therefore, recently, new microwave/mm-wave technologies for wireless sensors and communications have emerged, and these topics will be covered in this Special Issue.

Prof. Dr. Kang Wook Kim

Guest Editor



mdpi.com/si/126686

Special Issue



sensors



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

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](#)