



Mobile Communications in 5G Networks

Guest Editors:

Dr. Peppino Fazio

**Prof. Dr. Carlos Tavares
Calafate**

Prof. Dr. Miroslav Voznak

Prof. Dr. Miralem Mehić

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

In the last few decades, the paradigm of mobile communications redefined the way users take advantage of technology, both from a comfort and performance point of view. The deployment of the new protocols and technologies for mobile scenarios, such as 5G, HetNets, UAVs, and Autonomous Vehicles, and the integration of different heterogeneous research fields with them, has led to the enhancement of life quality, and the way human actions are conceived. Topics in this Special Issue can include (but are not limited to):

- Integration of different and recent mobile communications technologies with 5G standards;
- Protocols and algorithms for environmental sensing suitable for 5G networks;
- LPWAN technologies for Wireless Sensor Networks and IoT;
- Applications of mobile and/or wearable sensing for healthcare based on 5G connectivity;
- Ultra-low latency and real time applications in 5G networks;
- Vehicular protocols and their integration with other technologies (VANETs, 4G, 5G, mobile IP, etc.);
- Network planning and network slicing in the context of 5G networks;
- Applications and Protocols related to sustainable computing in the context of 5G;
- Beyond 5G: 6G enabling technologies.





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](#)