sensors

an Open Access Journal by MDPI

IMPACT FACTOR 3.5

Indexed in: PubMed

CITESCORE 8.2

Massive and Reliable Sensor Communications with LPWANs Technologies

Guest Editors:

Dr. Laurent Clavier

Prof. Dr. Chiara Buratti

Dr. Congduc Pham

Prof. Dr. Gianluigi Ferrari

Deadline for manuscript submissions:
closed (15 December 2020)

Message from the Guest Editors

This Special Issue will cover the latest breakthroughs in LP-WAN technologies and highlight their ability, or not, to survive in the face of 5G. All issues related to LP-WANs are welcome for submission, with a special interest in LoRa technology. Topics can range from more theoretical aspects to deployments and experiments.

Keywords

- LPWAN
- Massive access
- Reliability
- Chirp spread spectrum
- LoRa technology
- Alternative LoRa-based MAC protocols
- LoRa architectures for the Internet of Things
- Non-orthogonal multiple access
- Interference
- Deterministic access
- Security
- Implementation, deployment, and experiments
- Energy autonomy, life duration
- Energy harvesting
- Network architecture
- Resilience

sensors

IMPACT FACTOR 3.5 | Indexed in: PubMed | CITESCORE 8.2

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