

Special Issue

Bluetooth Low Energy: Advances and Applications

Message from the Guest Editor

This Special Issue aims at collecting high quality research papers and review articles focusing on recent advances in BLE. Original, high-quality contributions that have not been published before and are not currently under review by other journals or conferences are sought. Potential topics of interest include but are not limited to the following:

- Performance evaluation (e.g., mathematical analysis, simulation and/or experimentation) of BLE networks;
- BLE version-oriented studies (Bluetooth 4.x, Bluetooth 5, Bluetooth 5.1);
- Internet connectivity of BLE devices: 6LoWPAN/6Lo, gateway-based approaches, etc.;
- BLE mesh networking standardization efforts: Bluetooth Mesh (Bluetooth SIG), IPv6 mesh over BLE (IETF), etc.;
- Novel approaches to BLE mesh networks;
- Coexistence of BLE with other wireless technologies;
- BLE beacons;
- BLE-based localization;
- BLE-based opportunistic sensor data collection;
- Innovative applications of BLE in smart home, smart cities, smart transportation, smart agriculture, smart health, Industry 4.0, etc.
- Applications of BLE for combatting COVID-19: parameter monitoring, contact tracing, etc.

Guest Editor

Prof. Dr. Carles Gomez

Department of Network Engineering, Universitat Politècnica de Catalunya, 08860 Castelldefels, Spain

Deadline for manuscript submissions

closed (31 December 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/32819

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

[mdpi.com/journal/
sensors](https://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](https://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)