

## 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.

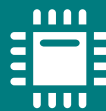
### Guest Editor

Prof. Dr. Carles Gomez

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### Deadline for manuscript submissions

closed (31 December 2021)



## Sensors

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## 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.

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### Editor-in-Chief

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