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Topical Advisory Panel Members' Collection Series: Protocol and Optimization of Sensor Networks

Guest Editors:

Dr. Zhongjiang Yan

School of Electronics and Information, Northwestern Polytechnical University, Xi'an 710072, China

Prof. Dr. Ki-Il Kim

Department of Computer Science and Engineering, Chungnam National University, Daejeon 34134, Republic of Korea

Deadline for manuscript submissions: **20 October 2024**



Message from the Guest Editors

Recently, we have seen a growing interest in the potential use of sensor networks, which offer new opportunities through the implementation of a sensor network protocol in many different applications. Various optimization methods, e.g., convex optimization, machine learning (ML) and artificial intelligence (AI), have been explored to determine how sensor networks work efficiently in different scenarios, e.g., machine type communications (MTCs) and unmanned aerial vehicles (UAVs).

This Special Issue, therefore, aims to collect together original research and review articles on the recent advances, technologies, solutions, applications and new challenges in the field of sensor network protocol and optimization.

Potential topics include, but are not limited to:

- Multiple access control (MAC) protocols and optimizations;
- Topology control and routing protocols and optimizations;
- Hybrid Wi-Fi, Bluetooth, and Zigbee networks;
- Car-to-car and infrastructure-to-car protocols and optimizations;
- Underwater sensor network protocols and optimizations;
- Sensor networks in medical and manufacturing industries.



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Message from the 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

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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