

## Special Issue

# Advancements in Heterogeneous Wireless Networks: Challenges, Solutions and Applications in Modern Domains

### Message from the Guest Editor

This Special Issue invites contributions that address and advance understanding of the growing complexity of heterogeneous wireless networks and their application to real-world, modern domains. We welcome original research, case studies, and technical solutions related to, but not limited to, the following topics:

- IoT;
- Heterogeneous wireless networks;
- Energy consumption;
- Optimizing network communication;
- Data management;
- Interoperability;
- Communication protocols;
- Energy distribution;
- Multi-interface systems;
- Network coverage;
- Routing strategies;
- Practical applications (e.g., smart homes, healthcare, transportation, industry);
- Applications to modern domains (e.g., smart cities, Industry 4.0, autonomous systems, environmental monitoring);
- Optimization problems in wireless networks;
- AI applied to heterogeneous wireless

Through this issue, we aim to bring together new insights that support the development of robust, scalable, and secure heterogeneous wireless systems. We encourage researchers, engineers, and practitioners to submit their research and foster the important discussion at the intersection of wireless communication technologies and modern application domains.

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### Guest Editor

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## Sensors

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### 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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