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Wireless Sensing and Energy-Efficient Communications for Internet of Things

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submissions:

closed (30 April 2024)

Message from the Guest Editors

Dear Colleagues,

The Internet of Things (IoT) is transforming the way we interact with our devices at home, at work and throughout our cities. In addition to using IoT devices for sensing and communication, utilizing the existing built-in hardware for wireless sensing of the surrounding environment represents a new and emergent challenge. Furthermore, not only IoT devices but also mobile robots or drones can be used for sensing the environment thanks to RF signals. Different disruptive applications such as intrusion detection or daily activity recognition can be targeted while preserving privacy. Overall, the question of how to use the RF signals while accounting for energy efficiency is a key challenge pursued in this Special Issue.

This Special Issue solicits high-quality unpublished work on recent advanced wireless sensing and energy-efficient communications for application to the Internet of (Robotic) Things. It welcomes theoretical contributions, as well as applications from both academia and industry.

For detailed information, please visit [here](#).

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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