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Smart Sensing in Device to Device Communication

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Deadline for manuscript submissions:

closed (31 January 2021)

Message from the Guest Editors

This Special Issue solicits the submission of high-quality and unpublished papers from academia and industry that aim to solve open technical problems or challenges in the context of smart sensing for device-to-device communication. Original and innovative contributions on all aspects, both theoretical and experimental, are all welcomed.

Topics of interest include but are not limited to:

- Dynamic spectrum and cognitive techniques for D2D communication
- Orthogonal and non-orthogonal multiple access (NOMA) for D2D
- D2D communications for IoT devices
- Network architectures and protocols for large-scale smart sensor networks
- Performance evaluation of opportunistic D2D communications
- Energy efficient mechanisms for D2D communications
- Cache-aided protocols and policies for D2D systems
- Context-aware D2D applications and use cases
- Collaborative and distributed D2D
- Localization of devices
- Security and privacy issues in D2D
- Social media exploitation for sensing and D2D



mdpi.com/si/35170

Special Issue



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Message from the Editor-in-Chief

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