Smart Sensing in Device to Device Communication

Guest Editors:

Prof. Dr. Manuel Fernandez-Veiga

Escuela de Ingeniería de Telecomunicación & AttlanTTic researech center, University of Vigo, 36310 Vigo, Spain

Dr. Pedro Pinto

Instituto Politécnico de Viana do Castelo, 4900-347 Viana do Castelo, Portugal

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This Special Issue solicits the submission of high-quality and unpublished papers from academia and industry that aim to solve open technical problems or challenges in the context of smart sensing for device-to-device communication.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

Special Issue

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

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.

Author Benefits

Open Access : free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.
Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us