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IoT Anywhere—A Low Power Sensors and Long-Range communication for IoT

Guest Editors:

Dr. Joao Ferreira

Department of Information Sciences, Technologies and Architecture, University Institute of Lisbon, 1649-026 Lisbon, Portugal

Prof. Dr. Nuno Cruz

Department of Electronics and Telecommunications and Computer Engineering, Instituto Politécnico de Lisboa, 1500-335 Lisbon, Portugal

Dr. Patrick Grossetete

Cisco Internet of Things Connected Group, Cisco Systems, 11, rue Camille Desmoulins, 92782 Issy les Moulineaux CEDEX 9, France

Deadline for manuscript submissions:
closed (31 August 2021)



mdpi.com/si/24806

Message from the Guest Editors

This Special Issue aims to bring together researchers and application developers working on the intersection of IoT with next-generation low-power sensor development associated with distributed long-range communication, providing IoT applications with real-time, secure, and privacy-preserving computing. Research topics of interest include (but are not limited to):

- Optimization and trade-off analyses of connectivity/scalability versus energy
- Development of long-range IoT communication solutions for remote places
- Development of low-power sensors for a new range of IoT solutions
- Successful commercial implementation, deployment experiences, case studies, and lessons learned
- A testing solution of long-range IoT communication, evaluation, and testbeds
- Real-time IoT data analysis on the cloud, at the edge, and on the move, including localization, personalization, and contextualization of IoT data
- IoT security and privacy for IoT devices, also with limited computing resource and connectivity
- Remote IoT solutions including pollution management, smart farming, and disaster management
- New features for long-range technologies (i.e., over-the-air updates, jamming)

Special Issue



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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
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