

Special Issue

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

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, roaming)

Guest Editors

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Prof. Dr. Nuno Cruz

Dr. Patrick Grossetete

Deadline for manuscript submissions

closed (31 August 2021)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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