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## Massive and Reliable Sensor Communications with LPWANs Technologies

Guest Editors:

**Dr. Laurent Clavier**

**Prof. Dr. Chiara Buratti**

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**Prof. Dr. Gianluigi Ferrari**

### Message from the Guest Editors

This Special Issue will cover the latest breakthroughs in LP-WAN technologies and highlight their ability, or not, to survive in the face of 5G. All issues related to LP-WANs are welcome for submission, with a special interest in LoRa technology. Topics can range from more theoretical aspects to deployments and experiments.

### Keywords

Deadline for manuscript  
submissions:

**closed (15 December 2020)**

- LPWAN
- Massive access
- Reliability
- Chirp spread spectrum
- LoRa technology
- Alternative LoRa-based MAC protocols
- LoRa architectures for the Internet of Things
- Non-orthogonal multiple access
- Interference
- Deterministic access
- Security
- Implementation, deployment, and experiments
- Energy autonomy, life duration
- Energy harvesting
- Network architecture
- Resilience



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# Special Issue



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## Message from the Editor-in-Chief

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