



**IEEE INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS ISIE'18
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Special Session on

Consumer Wireless Technology for Industrial Applications

Organized by

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Call for Papers

There are a number of new wireless technologies aimed primarily at connecting consumers and creating commercial networks, such as LoRa, Sigfox, Weightless, LTE Cat M1 and NB-IoT, but these technologies can also be applied to existing and new industrial applications and Industrial Internet of Things (IIoT). However, to do so would require systems to ensure network performance, such as reliable connectivity and latency, in addition to device management. The main objective of this special session is to provide a forum to share and discuss new ideas, use cases and research results on all aspects of industrial wireless. Researcher, scientists, engineers, practitioners and industrialists are invited to submit original research contributions in all related areas, which include, but not limited to:

- Innovative applications and business models for consumer wireless in industrial applications
- Software defined networking, network functions virtualization and network slicing for IIoT
- Edge, fog and cloud computing for IIoT
- Energy efficiency and energy harvesting for IIoT
- Simulation, testbeds, prototypes, field trails, and other performance analysis of consumer wireless for industrial applications
- Channel characterisation and modelling in industrial environments

All the instructions for paper submission are included in the conference website: <http://www.ieee-isie2018.org>