2019 IEEE International Conference on Industrial Informatics (INDIN'19)

"Intelligent Application of Consumer Wireless Technologies for Industry"

Organized by

Adnan M. Abu-Mahfouz (a.abumahfouz@ieee.org)
Council for Scientific and Industrial Research, South Africa.

Dong Yue (yued@njupt.edu.cn)
Nanjing University of Posts and Telecommunications, China.

Gerhard P. Hancke (g.hancke@ieee.org)
University of Pretoria, South Africa.

Call for Papers

There are a number of new wireless technologies aimed primarily at connecting consumers and creating commercial networks, such as LoRa, Sigfox, LTE-M 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, appropriate intelligent information processing, 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. You are invited to submit original research contributions in all related areas, which include, but not limited to:

- Intelligent and innovative applications for consumer wireless in industrial applications
- Intelligent information processing for these application
- Software defined networking, network functions virtualization and network slicing for IIoT
- Edge, fog and cloud computing for IIoT
- Energy efficiency and energy harvesting for LoRa, Sigfox, LTE-M and NB-IoT
- Simulation, testbeds, prototypes, field trails, and other performance analyses
- Channel characterisation and modelling in industrial environments

Submissions Procedure and Deadlines: All the instructions for paper submission are included in the conference website **https://www.indin2019.org/**

---

[1] **A good quality paper may be considered for publication in IEEE Transactions on Industrial Informatics (I.F.=5.430) subjects to further rounds of review**