



THE 19<sup>TH</sup> INTERNATIONAL CONFERENCE  
ON INDUSTRIAL TECHNOLOGY

ICIT  
2018

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Lyon- France

Special Session on  
**WIRELESS SENSOR NETWORKS: HARDWARE/SOFTWARE DESIGN ASPECTS FOR  
INDUSTRY**

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**Call for Papers**

After organizing six special sessions at ISIE 2014, ICIT 2015, ICIT 2016, ISIE 2016, ICIT 2017 and ICCE 2018, we have decided to organize the seventh session at ICIT 2018. The aim of this special session is to address the current and the new developments of wireless sensor networks in the context of industrial automation, habitat monitoring, home automation, agriculture, etc. Wireless sensor network is a new technology currently adopted in various applications. Currently, there are a large number of researches going on and this motivates us to organize this special session to provide researchers the opportunity of gathering and sharing their latest knowledge with other researchers and scientific communities within the ICIT 2018.

Topics of interest include, but are not limited to:

- Industrial wireless sensor platform design
- Low-level design challenges in industrial environments
- WSN hardware/software standards
- Hardware designs/software for data acquisition/storage/visualisation
- Communication Technologies: Wireless HART, ZigBee /802.15.4, IEEE 1451, 6LoWPAN, IPv4, IPv6 and BLE
- Communication issues in industrial environments



- WSN cloud computing and distributed control algorithms
- Practical deployment and prototype systems for experimental, proof of concept and field trials
- We are also interested in **Work-in-Progress** papers in the mentioned areas

**Deadlines:**

<b>Submission of the full paper:</b>	<b>October 15th, 2017</b>
<b>Notice of acceptance:</b>	<b>November 11th, 2017</b>
<b>Submission of final papers:</b>	<b>December 12th, 2017</b>

All the instructions for digests are included in the conference website: <http://icit2018.org/en>