

IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL INFORMATICS INDIN'16

18-20 JULY 2016, POITIERS, FRANCE

Special Session on

“Industrial Wireless Networking”

organized by

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Call for Papers

Theme: Wireless communication is very appealing for a broad range of automation applications, including industrial process monitoring and control, home and factory automation, environmental, building and structural monitoring and energy management. Wireless communications in the automation domain impose a number of research challenges, such as communication reliability, bandwidth management, latency issues and energy efficiency. In dynamic environments, very challenging research issues arrive when non-functional properties, such as real-time behavior and adaptability, must be enforced. We solicit technical papers describing original ideas, theory, methodology and experiences from the design, implementation and deployment of wireless systems for industrial automation. Topics of interest include, but are not limited to:

- Advanced network architectures and standards for industrial sensor and actuator networks
- Protocols for reliable and real-time wireless communication
- Integration and coexistence of heterogeneous wireless networks
- Wireless sensor and actuator networks performance, simulation, RF measurements, modeling and case studies
- Control over wireless networks
- Security and safety issues in industrial wireless networks
- Emerging wireless concepts, such as related to Internet-of-Things, for industrial applications

Submissions Procedure: All the instructions for paper submission are included in the conference website : <http://ieee-indin2016.sciencesconf.org/>.

Deadlines:

Reception of full paper:

1 January, 2016

Paper acceptance notification:

10 April, 2016

Camera ready paper reception:

1 May, 2016