

CALL FOR PAPERS

Special Session on Industrial Wireless Communication and its Applications

to be held in the frame of
IECON 2013 - The 39th Annual Conference of the IEEE Industrial Electronics Society
10th - 13th of November 2013, Austria Center, Vienna, Austria



TOPIC OF THE SPECIAL SESSION

Wireless communication and especially Wireless Sensor and Actuator Networks (WSAN) have experienced an explosive growth in the last few years especially because they offer great potential for applications in various scenarios and environments, ranging from applications such as target detection and tracking, environmental monitoring, industrial process monitoring, health, surveillance (e.g., intrusion detection), aviation, traffic monitoring, home, disaster monitoring, agriculture, structural monitoring, to its application to military systems, just to name a few.

The goal of this session is to provide a cross-disciplinary forum for researchers in both academia and industry addressing the rich space of wireless communication in automation technologies to interact and exchange recent results. Topics for this special session include, but are not limited to, the following:

- Networked controlled systems
- Performance, simulation, RF measurements and modelling of sensor networks
- Hardware for WSNs and its impact on communication protocols

SPECIAL SESSION ORGANISATION

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The organizers look forward to welcoming you to Vienna, Austria from 10th to 13th November 2013.

Important Dates

Regular Paper submission:	April 01, 2013
Notification of acceptance:	June 15, 2013
Final submission:	August 01, 2013



- Deployment and Integration of wireless sensor and actuator systems.
- Security and safety for industrial wireless systems
- Architectures, protocols and algorithms for WLAN and wireless sensor and actuator networks

SUBMISSION OF PAPERS

The working language of the conference is English. Submit the full paper as PDF following the IEEE layout requirements by using the templates given at the conference web page. Accepted and presented papers will be published in an IEEE Proceedings volume and will be sent to IEEE Xplore. In addition, selected authors are encouraged to submit their papers for publication in the IEEE Transactions on Industrial Electronics or in the IEEE Transactions on Industrial Informatics.

THE CONFERENCE

IECON 2013 is the 39th Annual Conference of the IEEE Industrial Electronics Society, focusing on industrial and manufacturing theory and applications of electronics, controls, communications, instrumentation and computational intelligence. The objectives of the conference are to provide high quality research and professional interactions for the advancement of science, technology, and fellowship.

Papers with new research results are encouraged for submission. IECON 2013

will be held concurrently with the 7th IEEE International Conference on E-Learning in Industrial Electronics (ICE-LIE 2013). Participation in any of these events just requires a single conference registration fee. The world's industry, research, and academia are cordially invited to participate in the wealth of presentations, tutorials, special sessions and social activities, and furthermore, enjoy beautiful Vienna.