

**EPE-PEMC 2012: ECCE Europe  
15th International Power Electronics and Motion  
Control Conference  
Novi Sad, Republic of Serbia**

**SPECIAL SESSION: “Industrial Wireless Sensor  
Networks”**

**organised by**

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**Call for Papers**

Wireless Sensor Networks (WSNs) have experienced an explosive growth in the last few years and they are called to play an important part in industrial communications. Wireless technology can have positive impact on industry in helping to use energy and materials more efficiently, lower the production costs, and increase the productivity. However, there are several open issues around WSNs such as, their operational reliability, performance in harsh environments, immunity to interference, security, power consumption, node density and network deployment etc., that need to be addressed.

In this context, this special session invites original research papers that address one or more of the topics listed below. The topics of interest include, but are not limited to:

- Deployment and integration of wireless sensor networks
- Performance, simulation, and modeling of WSNs
- Wireless sensor networks in automation, e-health, and smart-grid applications
- Security and safety for industrial wireless systems
- Architectures, protocols and algorithms for WSNs
- Application-specific Hardware Design for WSNs
- Software/Hardware Design of the Communication Protocols

**Submission procedure: The same as for regular papers.**

**Submission deadline:** 19th December 2011

All the instructions for paper submission are included on the conference website:  
<http://epe-pemc2012.com/>