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Symposium on:

RFID TECHNOLOGIES & INTERNET OF THINGS

Symposium Co - Chair: Luigi Patrono
University of Salento, Italy (luigi.patrono@unisalento.it)

Call for Papers

Symposium on "RFID Technologies & Internet of Things" in the frame of the 18th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2010), technically co-sponsored by the IEEE Communication Society (ComSoc), will be held September 23-25, 2010.

The main goal of this symposium is to present and discuss recent advances in the area of the Internet of Things, where innovative wireless technologies like RFID, short-range wireless communications, real-time localization and sensor networks are becoming research topics more and more interesting for both academia and industry.

Accepted papers will be published in the conference proceedings, and authors of selected best papers will be invited to submit an extended version of their manuscripts for publication in a special issue of the Journal of Communications Software and Systems (JCOMSS).

We cordially invite speakers who wish to present original papers on the following subjects, but not limited to these, associated with the following topics:

- RFID hardware components
 - Performance evaluation of tags and readers
 - Protocols
 - RF modelling and simulation of reader-tag systems
 - RFID and sensors
 - Near-Field Communication (NFC)
- Wireless Sensor Networks
 - Active RFID
 - Ultra Wide Band (UWB)
 - ZigBee
 - Energy consumption minimization
 - Monitoring and Localization systems
- Middleware and Standards
 - EPCglobal network architecture
 - Database integration
 - Security & Privacy
 - Integration with Internet protocols
- RFID case studies, field trials, and industrial Applications
 - Manufacturing and Logistic
 - Supply Chain
 - Pharmaceutical and Healthcare
- Electromagnetic aspects of RFID-based systems
 - Tag and reader antennas design
 - Potential effects on molecular structures and human tissue
 - Interferences with electronic devices

IMPORTANT DATES

Complete manuscript due	June 1, 2010
Notification of acceptance	July 15, 2010
Camera-ready manuscript	Sept. 1, 2010

JOURNAL OF COMMUNICATIONS SOFTWARE AND SYSTEMS
www.ccis.hr/jcomss

More information about the Conference including details on the submission process and authors kit is available on the website:

<http://www.fesb.hr/SoftCOM>

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