

2013 IEEE Topical Conference on Wireless Sensors and Sensor Networks

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WE1A: Wireless Sensors for Localization, Tracking and RFID-Enabled Applications

Chair: Luca Roselli, University of Perugia — Co-Chair: Apostolos Georgiadis, CTTC

Venue: Trinity A, 08:00 - 10:00, Wednesday 23 January 2013

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WE1A-2 **Coherence Multiplexed Passive Wireless SAW RFID Tag System**
(N. Saldanha, D.C. Malocha, R.C. Youngquist)
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WE1A-3 **A UWB Transmit-Only Based Scheme for Multi-Tag Support in a Millimeter Accuracy Localization System**
(Nathan C. Rowe, Aly E. Fathy, Michael J. Kuhn, Mohamed R. Mahfouz)
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WE1A-4 **High-Q Adaptive Matching Network for Remote Powering of UHF RFIDs and Wireless Sensor Systems** *(Late News Paper)*
(Onur Kazanc, Franco Maloberti, Catherine Dehollain)
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WE1A-5 **High Speed, High Analog Bandwidth Buck Converter Using GaN HEMTs for Envelope Tracking Power Amplifier Applications** *(Late News Paper)*
(Shintaro Shinjo, Young-Pyo Hong, Hamed Gheidi, Donald Kimball, Peter M. Asbeck)
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WE2A: Wireless Sensors for Communication, Radar, Positioning and Imaging Applications

Chair: Martin Vossiek, University of Erlangen-Nuremberg — Co-Chair: Nils Pohl, Ruhr University Bochum

Venue: Trinity A, 10:10 - 12:00, Wednesday 23 January 2013

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WE3A: Wireless Integrated Sensor Front-Ends and Building Blocks

Chair: Thomas Ussmueller, University of Erlangen-Nuremberg — Co-Chair: Alexander Koelpin, University of Erlangen-Nuremberg

Venue: Trinity A, 13:30 - 15:10, Wednesday 23 January 2013

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WE3D: Wireless Sensors for Harsh Environments, Home, Health and Communication

Chair: Alexander Koelpin, University of Erlangen-Nuremberg — Co-Chair: Rahul Khanna, Intel Corporation

Venue: San Marcos, 13:30 - 15:10, Wednesday 23 January 2013

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Chair: Gabriel Montoro, Technical University of Catalonia

Venue: Rio Grande, 12:50 - 14:40, Wednesday 23 January 2013

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WE4A: Sensor Network Communication Architecture and Topologies

Chair: Rahul Khanna, Intel Corporation — Co-Chair: Alexander Koelpin, University of Erlangen-Nuremberg

Venue: Trinity A, 16:00 - 17:40, Wednesday 23 January 2013

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(Shravan Garlapati, Reza Monir Vaghefi, R. Michael Buehrer, Jeffrey H. Reed)