

8th Annual IEEE International Conference on RFID



IEEE RFID 2014

Orange County Convention Center, Orlando, FL | April 8-10, 2014 | 2014.ieee-rfid.org

CALL FOR PAPERS

Radio frequency identification (RFID) is an exciting multidisciplinary field with numerous applications. The 2014 IEEE International Conference on RFID is the premier conference for exchanging all technical research in RFID. The conference attendance boasts an outstanding mix of practitioners and researchers from industry and academia. IEEE RFID 2014 is an opportunity to share, discuss, and witness research results in all areas of RFID technologies and their applications.

The 2014 IEEE International Conference on RFID is seeking original, high-impact research papers on RFID-related topics. Papers will be selected based on originality, importance of the problem, technical merit, clarity, and the potential impact of the results. Accepted and presented papers will be published in the IEEE RFID 2014 conference proceedings and submitted for inclusion in IEEE *Xplore*®. Accepted papers will also be submitted for indexing through EI Compendex, ScienceDirect, Scopus, Web of Knowledge, Thomson ISI, and IET Inspec.

TOPICS

- **Antennas & Propagation:** Antenna theory and designs, channel measurements and modeling
- **Applications & Software:** RFID software, middleware, network applications, reports on the introduction and operational experience of RFID applications (scientific focus!)
- **Circuits, Devices & Interrogators:** Circuit designs, non-silicon and chipless RFID, interrogator architecture, multi-interrogator coordination and interference reduction
- **Next Generation PHY:** MIMO and diversity techniques, ultra-wideband backscattering, hybrid ultra-wideband RFID tags and interrogators
- **Localization:** Performance bounds, novel system approaches, technologies, and algorithms in RFID tag and reader localization
- **Power Harvesting:** Ambient RF harvesting, power-optimized waveforms, RFID tags using kinetic, thermal, or optical power-harvesting
- **Protocols & Security:** Coding, anti-collision, cryptography and privacy-enhancing techniques, medium access schemes
- **RFID in BioMed:** Implantable sensors tags, performance analyses near/in biological fluids and tissues, antenna/system design for biomedical applications
- **Sensors:** Integration of sensors with RFID tags, including active, passive, or chipless mechanisms; RFID sensor modeling and analysis; devices for the Internet of Things

If your topic does not fit one of the above groups or if you are unsure which topic to select, please contact the TPC Chair at TPChair@ieee-rfid.org.



2014.ieee-rfid.org

Scan QR code for more information!

IMPORTANT DATES:

Paper submission due:	December 13, 2013 Dec. 20, 2013
Workshop proposals due:	January 20, 2014
Notifications of acceptance:	February 7, 2014
Publication-ready version:	March 3, 2014
Conference:	April 8-10, 2014

SUBMISSION INFORMATION:

IEEE RFID 2014 accepts papers of up to 8 pages in length, formatted in the IEEE conference style. Papers will be reviewed in a double-blind review process and submitted for inclusion in IEEE *Xplore*® if accepted and presented at the conference. Submissions must be original and may not be under consideration elsewhere. IEEE RFID will not tolerate scholarly misconduct in any form. Cases of multiple publications and plagiarism will be handled according to IEEE policies and procedures. Please refer to the conference website for full submission instructions.

POSTER SESSION:

IEEE RFID 2014's poster session will once again provide researchers around the world with the opportunity to cover preliminary or exploratory work within RFID research. More detailed information will be available on the conference website.

2014 IEEE RFID TECHNICAL PROGRAM COMMITTEE:

TPC Chair:

Alanson Sample
(USA), *Disney Research*

Power Harvesting: Joshua Smith
(USA), *University of Washington*

TPC Co-Chairs:

Antennas and Propagation: Pavel Nikitin
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Applications and Software:

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RFID in Biomed: Rich Fletcher
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Sensors: Jin Mitsugi
(Japan), *Keio University*

Next-Generation Physical Layer:

Joshua Griffin
(USA), *Northwest Nazarene University*

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(USA), *Georgia Tech*

Localization: Daniel Arnitz
(USA), *Duke University*

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(USA), *University of Washington*

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