

IEEE RFID 2015



San Diego Convention Center, San Diego, CA | April 15 - 17, 2015 | 2015.ieee-rfid.org

CALL FOR PAPERS

Radio frequency identification (RFID) is an exciting multidisciplinary field with numerous applications. The 2015 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 2015 is an opportunity to share, discuss, and witness research results in all areas of RFID technologies and their applications.

The 2015 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 2015 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

- New for 2015: Internet of Things (IoT):** RFID provisioning and lost-connection handling, RFID networking standards, communications standards, RFID-enabled devices, ubiquitous tracking and positioning, IoT/RFID system architectures
- Antennas & Propagation:** MIMO and diversity techniques, Antenna theory and designs, channel measurements and modeling, ultra-wideband backscattering, hybrid ultra-wideband RFID tags and interrogators
- Applications & Software:** RFID software, middleware, network applications, scientific studies on operational experience of RFID applications, unconventional RF "identification"
- Circuits, Devices & Interrogators:** Circuit designs, non-silicon and chipless RFID, interrogator architecture, multi-interrogator coordination and interference reduction
- Energy Harvesting and Wireless Power:** Ambient RF harvesting, efficiency improvements, power-optimized waveforms, RFID tags using kinetic, thermal, or optical power-harvesting
- Localization:** Performance bounds, novel system approaches, technologies, and algorithms in RFID tag and reader localization, RF Tomography and Environmental Sensing
- Protocols & Security:** Coding, anti-collision, cryptography and privacy-enhancing techniques, medium/multiple access schemes
- Sensors:** Integration of sensors with RFID tags, including active, passive, or chipless mechanisms; RFID sensor modeling and analysis, new sensors for RFID

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.

2015.ieee-rfid.org

Scan QR code for more information!

IMPORTANT DATES:

Paper submission due:	December 19, 2014
Workshop proposals due:	January 26, 2015
Notifications of acceptance:	February 13, 2015
Publication-ready version:	March 11, 2015
Conference:	April 15-17, 2015

SUBMISSION INFORMATION:

IEEE RFID 2015 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 2015'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.

2015 IEEE RFID TECHNICAL PROGRAM COMMITTEE:

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Alanson Sample
(USA), *Disney Research*

Internet of Things (IoT):

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(USA), *Georgia Tech*

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