

7th Annual IEEE International Conference on RFID

IEEE RFID 2013



Orange County Convention Center, Orlando, FL • April 30 - May 2, 2013
www.ieee-rfid.org/2013

FINAL EXTENSION!

CALL FOR PAPERS:

Radio frequency identification (RFID) is an exciting multidisciplinary field with numerous applications. The 2013 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 2013 is an opportunity to share, discuss, and witness research results in all areas of RFID technologies and their applications.

The 2013 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 conference proceedings and in IEEE Xplore®.

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-wide band 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

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.

IEEE RFID 2013 TECHNICAL PROGRAM COMMITTEE

TPC Chair:

Daniel Arnitz
Duke University, USA

TPC Co-Chairs:

Antennas & Propagation: Pavel Nikitin
Intermec Technologies, USA

Applications & Software: Shigeya Suzuki
Keio University, Japan

Circuits, Devices & Interrogators:
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CISC Semiconductor, Austria

Communication Protocols: Jin Mitsugi
Keio University, Japan

Next-Generation Physical Layer: Zhuo Zou
KTH, Sweden

Localization: Joshua Griffin
Disney Research, USA

Power Harvesting: Joshua R. Smith
University of Washington, USA

Protocols and Security: Peter J. Hawrylak
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RFID in Biomed: Gaetano Marrocco
University of Rome Tor Vergata, Italy

Sensors: Jin Mitsugi
Keio University, Japan

IEEE RFID 2013 General Chairs:

Matt Reynolds
Duke University, USA

Greg Durgin
Georgia Tech, USA

NEW TOPICS AT RFID 2013!

- Power Harvesting
- Next-Generation Physical Layer
- RFID in BioMed

<http://2013.ieee-rfid.org/new-topics/>

IMPORTANT DATES:

Paper submission due: ~~Dec 14, 2012~~ **Jan 18, 2013**
Notifications of acceptance: **Mar 8, 2013**
Publication-ready versions due: **Mar 29, 2013**
Conference: **Apr 30 - May 2**

SUBMISSION INSTRUCTIONS:

IEEE RFID 2013 accepts papers of up to 8 pages in length, formatted in the IEEE conference style (PDFs with embedded fonts only). All submissions must be anonymous, meaning author names and affiliations must be left blank. Please refer to the conference website at <http://2013.ieee-rfid.org/author-information/> for full submission instructions.

PLEASE NOTE:

Submissions must be original and may not be under consideration elsewhere. Cases of plagiarism and multiple submissions will be dealt with according to IEEE procedures & rules. For the paper to be published in the IEEE RFID 2013 Conference Proceedings and IEEE Xplore®, an author of an accepted paper is required to register for the conference at the full (member or non-member) rate, and must present the paper at the conference. Registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers, one full registration is valid for up to two papers.

POSTER SESSION:

IEEE RFID 2013'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.

MORE INFORMATION:

<http://2013.ieee-rfid.org/author-information/>

EDAS SUBMISSION PAGE:

<http://edas.info/N13761?c=13761>



CRFID Member Societies:

