

IEEE RFID 2011

5th Annual IEEE International Conference on RFID

**Orange County Convention Center
Orlando, Florida (USA)
April 12-14, 2011**
www.ieee-rfid.org/2011



CALL FOR PAPERS

Radio frequency identification (RFID) is an exciting, rapidly growing, multidisciplinary field with emerging technologies and applications. The 2011 IEEE International Conference on RFID is the premier conference for exchanging all technical RFID-related research. The conference attendance boasts an outstanding mix of practitioners and researchers from industry and academia, from around the world, and spanning numerous disciplines. IEEE RFID 2011 is an opportunity to share timely research results in all areas of RFID technologies and their applications.

The 2011 IEEE International Conference on RFID is seeking original, high-impact research papers on important RFID-related topics. Papers will be selected based on clarity, originality, importance of the problem, technical merit, and the potential impact of the results. All papers will be rigorously reviewed through a double-blind review process by multiple active researchers in the field.

Selected papers will also be published in the IEEE Transactions on Automation Science and Engineering.

TOPICS:

- **Antennas & Propagation:** Antenna theory and designs, channel measurements and modeling
- **Applications:** Reports on the introduction and operational experience of RFID applications such as logistics, manufacturing and life cycle maintenance; applications papers should have a strong technical focus and address a research issue.
- **Circuits, Devices & Interrogators:** Low-power RFID circuit designs, energy harvesting, non-silicon and chipless RFID, interrogator architecture, detection, sensitivity, read rate optimizations, multi-interrogator coordination and interference
- **Communication Protocols:** Coding, modulation, anti-collision, and medium access schemes for RFID systems
- **Localization:** Novel system approaches, technologies, and algorithms
- **Security & Privacy:** Cryptographic protocols and privacy-enhancing techniques
- **Sensors:** Integration of sensors with RFID tags, including active, passive, or chipless mechanisms; RFID sensor modeling and analysis.
- **Software:** RFID software, middleware, and network applications
- **Others:** Deployment issues and concerns, policy, regulatory issues, system tools, or other topics that do not fit within one of the above categories; contact the Technical Program Chair, Dale R. Thompson (d.r.thompson@ieee.org), if you have any questions about the suitability of a topic

IEEE RFID 2011 TECHNICAL PROGRAM COMMITTEE

TPC Chair:

Dale R. Thompson
University of Arkansas, USA

TPC Co-Chairs:

Antennas & Propagation: Smail Tedjini
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Localization: Pavel Nikitin
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IAIK - TU Graz, Austria

Sensors: Rich Fletcher
TagSense Inc., USA

Software: Dale R. Thompson
University of Arkansas, USA

IEEE RFID 2011 General Co-Chairs:

Daniel Deavours
University of Kansas, USA

Christian Floerkemeier
MIT, USA

IMPORTANT DATES: **December 12, 2010**
Paper submissions due: ~~December 5, 2010~~

Notifications of acceptance sent: **February 4, 2011**

Publication-ready versions uploaded: **March 4, 2011**

Conference: **April 12-14, 2011**

SUBMISSION INSTRUCTIONS:

Paper submissions must be anonymous, meaning all author and institutional affiliation must be removed from the submitted paper to support a double-blind review process. All submitted papers must follow the IEEE conference style guide and be no more than 8 pages in length. Accepted and presented papers will be published in the IEEE conference proceedings and in IEEE Xplore®.

PLEASE NOTE:

To be published in the IEEE RFID 2011 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 a single paper only.

POSTER SESSION:

IEEE RFID 2011 will also provide a Poster Session. The poster session track provides researchers with opportunities to cover preliminary or exploratory work within RFID research. More detailed information will be available from the conference website.

CRFID MEMBER SOCIETIES

