

IEEE RFID 2019

PHOENIX CONVENTION CENTER, PHOENIX, AZ | APRIL 2 - 4



2019.IEEE-RFID.ORG



Call for Paper and Poster Submissions

The 13th IEEE International Conference on RFID (IEEE RFID 2019) is seeking high-quality submissions for papers (from 3 to max 8 pages) and posters (2 pages) in all areas of technical RFID research. IEEE RFID 2019 is an opportunity to share, discuss, and witness research results in all areas of RFID technologies and their applications.

Topic Areas

- **Antennas & Propagation:**
 - antenna theory and designs
 - channel measurements and modeling
 - MIMO, UWB and hybrid RFID
- **Applications & Software:**
 - RFID software, middleware and networking
 - RFID in smart cities
 - scientific studies on operational experience of RFID applications
 - unconventional RF “identification”

Selection will be primarily based on the ability of authors to clarify how they are advancing the state of the art or demonstrating novelty
- **Circuits, Devices, & Interrogators:**
 - circuit designs
 - reader architecture
 - non-silicon and chipless RFID
 - multi-reader coordination and interference reduction
- **Next-Gen Physical Layer:**
 - RFID-enabled devices
 - IoT/RFID system architectures
 - MIMO, hybrid and UWB RFID systems
 - networking and communication concepts
- **Energy Harvesting & Wireless Power:**
 - ambient RF harvesting
 - efficiency improvements
 - power-optimized waveforms
 - kinetic, thermal, optical, and other power-harvesting methods
- **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,
 - active, passive, or chipless RFID sensors,
 - RFID sensor modeling and analysis
 - new sensors for RFID

Important Dates

Poster Submission Deadline: Jan. 30th, 2019

2019.ieee-rfid.org/submissions/



edas.info/N25459

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