

PISA, ITALY - SEPTEMBER 25-27, 2019



The 10th **IEEE International Conference on RFID Technology and Applications (IEEE RFID-TA 2019)** is seeking high-quality submissions for papers (from 3 to max 6 pages) in all areas of RFID (Radio Frequency Identification). IEEE RFID-TA 2019 is an opportunity to share, discuss, and witness research results in all areas of RFID technology and their applications.

TOPIC AREAS

- Antenna design and characterization
- Channel measurements and modelling
- Modelling, simulation and implementation of RFID-based systems
 - MIMO, UWB and hybrid RFIDs
- Circuit design and characterization for readers and tags
 - Active tags
 - Smart and programmable tags
 - Chipless RFID technology
- RFID manufacturing processes, 3D and inkjet printing
 - Networking and communication concepts
 - Coding and modulation schemes
- Multi-reader coordination and interference reduction
 - RFID software, middleware and protocols
- Cybersecurity, cryptography and privacy-enhancing techniques, anti-counterfeiting
 - Energy Harvesting and Wireless Power Transfer
 - Near Field Communications
- RFID applications in healthcare, precision agriculture, transportation, safety, security, inventory management, logistics, fashion, retail
 - Wearable and biomedical applications
 - Green technologies for RFID
- RFID-based infrastructures for Internet of Things
 - RFID for Industry 4.0
 - RFID for Smart Cities
- RFID-enabled localization systems
 - RFID sensors
- RF tomography and environmental sensing
- Millimetre-wave identification and sensing
- Next-generation RFID applications

Proposals for special sessions on highly relevant and state-of-the-art topics will be considered; **special session proposal deadline: March 31, 2019.**

Important Dates

Paper Submission Deadline: May 26, 2019

Notification of acceptance: July 8, 2019

Final Paper Submission: July 22, 2019

2019.ieee-rfid-ta.org

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Accepted papers will be published on IEEE Xplore, and authors will be enrolled in IEEE RFID-TA 2019 Best Paper and Student Paper competitions. A Special Issue of the IEEE Journal of RFID will promote the most important results presented at the conference.

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