

Call for Papers

IEEE RFID-TA 2024

Venue: Hilton Daytona Beach
Oceanfront Resort

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The 14th IEEE International Conference on RFID Technology and Applications is seeking high-quality submissions for papers (from 2 to max 4 pages) on RFID (Radio Frequency Identification) and RFID-related systems. IEEE RFID-TA 2024 is an opportunity to share, discuss, and witness research results in all areas of RFID technology and its applications.

IMPORTANT DATES

Paper Submission Deadline: **September 16, 2024**

Notification of acceptance: **October 15, 2024**

Final Paper Submission: **November 15, 2024**

Conference Dates: **December 18-20, 2024**

<https://2024.ieee-rfid-ta.org>

TOPICS

Topics of interest are, but are not limited to:

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



Proposals for special sessions on highly relevant and state-of-the-art topics will be considered.

Special session proposal deadline: August 25, 2024



Accepted and presented papers will be published on IEEE Xplore, and authors will be enrolled in IEEE RFID-TA 2024 **Best Paper Award** and **Best Student Paper Award** competitions. A Special Issue of the **IEEE Journal of RFID** will promote the most important results presented at the conference.

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