



## Call for Papers

The 15th IEEE International Conference on RFID Technology and Applications (IEEE RFID-TA 2025) is seeking high quality submissions for papers (3 pages minimum) on RFID (Radio Frequency Identification) and adjacent topics. IEEE RFID-TA 2025 is an opportunity to share, discuss, and witness research results in all areas of RFID technology and its applications.

### Topic Area

- Active and passive tags
- Antenna design and characterization
- Artificial Intelligence for RFIDs
- Backscattering communication in RFIDs
- Channel measurements and modelling
- Chipless RFID technology
- Circuit design and characterization for readers and tags
- Coding and modulation schemes
- Cybersecurity, cryptography and privacy-enhancing techniques
- Energy Harvesting and Wireless Power Transfer
- Green technologies for RFID
- Millimeter-wave identification and sensing
- MIMO, UWB and hybrid RFIDs
- Modelling, simulation and implementation of RFID-based 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, wearables, precision agriculture, transportation, safety, security, inventory management, logistics, fashion, retail
- RFIDs in Digital Twins
- RFID for Industry 5.0 and Smart Cities
- RFID manufacturing processes, 3D and inkjet printing
- RFID communication and sensing
- RFID software, middleware and protocols
- Smart and programmable tags

### Special Sessions

Special sessions can be proposed to the TPC. Full list and conditions available on: [https://2025.ieee-rfid-ta.org/special\\_sessions](https://2025.ieee-rfid-ta.org/special_sessions)

### Dual-track submission procedure

- Option A: Conference paper submitted to IEEE RFID-TA
- Option B: Journal paper submitted to JRFID

### Important dates

- Special Session Proposal: January 30th, 2025
- Paper Submission Deadline: March 30th, 2025
- Notification of Acceptance: June 30th, 2025
- Final Paper Submission: July 30th, 2025
- Conference: October 27 – 30, 2025

### Awards

Accepted papers will be published on IEEE Xplore, and authors will be enrolled in IEEE RFID-TA 2025 Best Paper Award and Best Student Paper Award.

### Special Issue in IEEE Journal of RFID

As a CRFID conference, an extended version of the conference papers will be invited to a special issue of the IEEE Journal of Radio Frequency Identification (IF 2024: 2.3; CiteScore 2024: 5.7).

### Additional Information

Website: <https://2025.ieee-rfid-ta.org/>  
Contact: [TPChair@ieee-rfid-ta.org](mailto:TPChair@ieee-rfid-ta.org)

### Organisation Committee

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