IEEE RFID-TA 2022

IEEE

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Cagliari, Italy

RFID
IEEE Council on RFID

CALL FOR PAPERS

The 12th **IEEE International Conference on RFID Technology and Applications (IEEE RFID-TA 2022)** is seeking high-quality submissions for papers (from 2 to max 4 pages) on RFID (Radio Frequency Identification) and adjacent topics. IEEE RFID-TA 2022 is an opportunity to share, discuss, and witness research results in all areas of RFID technology and its applications.

TOPIC AREAS

- Active tags
- Antenna design and characterization
- Artificial Intelligence for 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, anti-counterfeiting
- 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, 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
- Smart and programmable tags

IEEE RFID-TA 2022
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Accepted papers will be published on IEEE Xplore, and authors will be enrolled in IEEE RFID-TA 2022 Best Paper and Student Paper Awards.

Important Dates
Paper Submission Deadline: ~~May 20, 2022~~ June 6, 2022
Notification of acceptance: **June 20, 2022**
Final Paper Submission: **July 5, 2022**
2022.ieee-rfid-ta.org

A Special Issue of the IEEE Journal of RFID will promote the most important results presented at the conference.