

14TH ANNUAL INTERNATIONAL CONFERENCE ON RFID

# IEEE RFID 2020

ORANGE COUNTY CONVENTION CENTER, ORLANDO, FL | APRIL 28 - 30



2020.IEEE-RFID.ORG



## Call for Paper Submissions

The 14<sup>th</sup> IEEE International Conference on RFID (IEEE RFID 2020) is seeking high-quality submissions for papers (from 3 to max 8 pages) in all areas of technical RFID research. IEEE RFID 2020 is an opportunity to share, discuss, and witness research results in all areas of RFIDs.

### Topic Areas

- Antenna design and characterization
- Digital twin parallel intelligence
- Channel measurements and modeling
- Modeling, 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
- Ambient RF harvesting
- Near Field Communications
- RFID applications in healthcare, precision agriculture, transportation, safety, security, inventory management, logistics, fashion, and 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
- Millimeter-wave identification and sensing
- Next-generation RFID applications

#### IEEE RFID 2020 Committee

**Executive Chair:** Gregory D. Durgin (*Georgia Tech*)  
**TPC Chair and Co-Chair:** Stewart Thomas (*Bucknell University*) and Rahul Bhattacharyya (*MIT*)

#### Important Dates

**Paper Submission Deadline:** Jan. 20<sup>th</sup>, 2020  
**Notification of acceptance:** Mar. 16<sup>th</sup>, 2020  
**Final Paper Submission:** Apr. 6<sup>th</sup>, 2020

[2020.ieee-rfid.org](http://2020.ieee-rfid.org)

**Authors of Accepted Papers** receive peer reviews by top RFID technology leaders, get published on IEEE Xplore, and are enrolled in IEEE RFID 2020 Best Paper Competition.

