



Cyber-Physical Radio week 2025 is a series of co-located industry events and IEEE conferences in cutting-edge topics on RFID, digital twins, additively manufactured electronics, and advanced radio.

A low, flat-fee registration entitles attendees to hop between all events and sessions.

## Cyber-Physical Radio Week 2025

22-24 April 2025

GT Hotel and Conference Center  
Atlanta (Midtown), GA

### Events

- IEEE Conferences
- CyPhyRa Industry Session
- sSocial Events/Networking
- Industry Exhibitions
- GT ECE Undergrad Research Symposium
- GT Lab Tours
- Tutorials

### Organizers

Christopher R. Anderson, NTIA  
canderson@ntia.gov

Serhat Tadik, Georgia Tech  
serhat.tadik@gatech.edu

Gregory D. Durgin, Georgia Tech  
durgin@gatech.edu

## IEEE DTPI 2025 Workshop on Digital Spectrum Twins

sessions on Wednesday, 23 April 2025

### IEEE DTPI Conference Plenary (Conference Room A)

09:00 Keynote: Karthik Sundaresan, Georgia Tech ECE  
*DSTs: The "Seen" and the "Unseen"*

### DST Workshop Session (Salon II)

11:00 Keynote: Vartan Piroumian, VIP Consulting  
*Can AI save Digital Twins?*

11:50 Ali Abedi, University of Maine

*Small Satellite Data Rate and Power Optimization Using Digital Spectrum Twin*

12:10 Serhat Tadik, Georgia Tech

*Open Source, Real Impact: Democratizing Digital Spectrum Twins*

### Joint IEEE RFID/DTPI Tutorial (Salon II)

13:30 Dr. Christopher Anderson, NTIA

*Not your grandfather's propagation model: Modern techniques and approaches for beyond 5G wireless systems*



Industry Forum & Exhibition



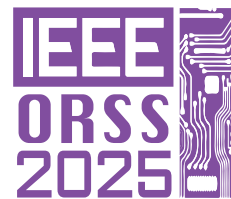
RFID Conference



Additively Manufactured  
Electronic Systems



Digital Twins and  
Parallel Intelligence



Opportunity Research  
Scholars Symposium



2025.ieee-rfid.org



2025.ieee-ames.org



2025.ieee-dtpi.org



orss.ieee-rfid.org