



# IEEE Topical Conference on RF/Microwave Power Amplifiers for Radio and Wireless Applications

21-24 January 2024 Grand Hyatt San Antonio River Walk, San Antonio, TX, USA



<https://www.radiowirelessweek.org/>

Paper Deadline  
25 July 2023

## Steering Committee

### General Chair

Changzhi Li, *Texas Tech. University*

### General Co-Chair

Holger Maune, *Magdeburg University*

### Technical Program Chair

Václav Valenta, *European Space Agency*

### Finance Chair

Roberto Gomez-Garcia, *University of Alcala*

### PAWR Co-Chairs

Vittorio Camarchia, *Politecnico di Torino*  
John Dooley, *Maynooth University*

### WiSNet Co-Chairs

Paolo Mezzanotte, *University of Perugia*  
Fabian Lurz, *Hamburg University of Technology*

### SiRF General Chair

Robert Schmid, *Johns Hopkins Applied Physics Lab*

### SHaRC Co-Chairs

Marie T. Piasecki, *NASA Glenn Research Center*  
Jan Budroweit, *German Aerospace Center*

### Executive Committee Chair

Robert Caverly, *Villanova University*

### Conference Management

Elsie Vega, *IEEE*  
Cassandra Carollo, *IEEE*

## Call For Papers

The 2024 IEEE Topical Conference on RF/Microwave Power Amplifiers for Radio and Wireless Applications (PAWR 2024) will be a part of 2024 IEEE Radio and Wireless Week (RWW 2024) which will be held during the week of 21-24 January 2024 in the Grand Hyatt San Antonio River Walk, San Antonio, TX, USA.

RWW 2024 will also feature:

- IEEE Radio and Wireless Symposium (RWS)
- 24th Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems (SiRF)
- IEEE Topical Conference on Wireless Sensors and Sensor Networks (WiSNet)
- IEEE Space Hardware and Radio Conference (SHaRC)
- Special Sessions, Short Courses, and a Design Competition

Each of these events will be organized separately, with their own call for papers found at <http://www.radiowirelessweek.org/>.

**Power amplifiers for radio and wireless applications (PAWR)** are often the most critical component of RF/microwave communications systems and consequently the focus of intense research to achieve increased linearity and power efficiency. New forms of power amplification are being developed to meet the needs of the wireless communication equipment industry and the world's demand for greater information transmission. PAWR 2024 will feature tracks on RF/microwave Power Amplifiers. Papers featuring innovative work are solicited in (but not limited to) the following areas of RF/microwave power amplifier technology:

- High Power/Wideband Active Devices
- Power Amplifiers for Mobile, Avionics and Space
- Modeling and Characterization
- Advanced Circuit Design and Topologies
- Green Power Amplifier Technology
- Integration Technology
- Packaging and Reliability
- Linearization and Efficiency Enhancement Techniques
- Applications, Novel Architectures and System Analysis

### PAWR2024 Chair

Vittorio Camarchia, *Politecnico di Torino*

### PAWR2024 Co-Chair

John Dooley, *Maynooth University*

Paper submission instructions can be found at <http://www.radiowirelessweek.org/>. Submissions should be formatted according to the submission review template available on the RWW website. Authors should indicate preference for oral or poster presentation. All submissions must be received by **25 July 2023**. All accepted papers will be published in a digest and included in the IEEE Xplore® Digital Library. Submissions will be evaluated based on novelty, significance of the work, technical content, interest to the audience, and quality of writing.