

Call for RF Systems Pavilion Demonstrations
Submission Deadline: 15 December 2026

The RF Systems Pavilion Committee solicits registered exhibiting companies and other organizations to submit proposals for **RF & Microwave Systems Demos** at IMS2027 held 23-28 May 2027 in San Antonio.

A unique systems demonstrations platform goes beyond a traditional booth. Located in a dedicated pavilion on the IMS Exhibit floor, it is designed to showcase collaboration between companies, organizations or R&D teams. Proposed demos must feature participation between multiple organizations (including both exhibitors and non-exhibiting groups) and showcase either a partially integrated or complete system.

This is an excellent opportunity to feature products and services that may be outside of what you would typically demonstrate in a single booth! The pavilion and demos will be heavily promoted leading up to and during IMS2027 to all attendees as well as IMS2027 media participants. We welcome complete or partially integrated system- and testbed- demos, including but not limited to:

- 5G/6G, mmWave, and sub-THz communication links and testbeds
- Phased arrays, beamforming, MIMO, and reconfigurable intelligent surfaces
- Radar, sensing, imaging, and automotive systems
- Satellite communications, space, and non-terrestrial networks
- Integrated sensing and communications (ISAC)
- Quantum systems and cryogenic RF/microwave electronics
- Wireless power transfer, energy harvesting, and RFID/backscatter systems
- Packaging, heterogeneous integration, and advanced materials in system-level context
- Software-defined radio, digital predistortion, and AI/ML-enabled RF
- Test and measurement systems, over-the-air (OTA) characterization, and calibration techniques
- Photonic-RF and hybrid systems
- Biomedical and wearable RF systems
- Hardware-software RF twins
- RF localization and tracking

1. Proposed demos should be engaging and interactive. Allowing an in-situ experience is encouraged. Proposers should be prepared to staff their demonstration during all IMS2027 exhibit hours. Purely sales or promotional pitches will not be considered. Submit a proposal via the Smartsheet link: **https://app.smartsheet.com/b/form/01a1ea4e8f8977d8afb510bd4c10aab9**
2. **Title and organizations:** Demonstration title, participating companies, and presenting team.
3. **Contact information:** Primary contact name, email, and phone.
4. **Technical summary/Demonstration plan:** Max. 2-page demonstration description (pictorial encouraged) indicating novelty, noteworthiness, interest to attendees and any interactive components.
5. **Infrastructure needed:** Space, power (voltage, amperage, phase), network connectivity, tables, and any other venue requirements. IMS2026 RF Systems Pavilion demo descriptions are here: https://2026.ims-ieee.org/rf-systems-pavilion

Thank you and we look forward to receiving your proposals.

IMS2027 RF Systems Pavilion Co-Chairs
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