FIRST CALL FOR PROPOSALS

MICROWAVE APPLICATION SEMINARS (MICROAPPS)

AND INDUSTRY WORKSHOPS

The 2023 IEEE MTT-S International Microwave Symposium (IMS2023) will be held 11 – 16 June 2023 at the San Diego Convention Center, San Diego, CA, USA. IMS2023 it is the centerpiece of the Microwave Week, which offers technical sessions, interactive forums, plenary and panel sessions, workshops, technical lectures, microwave application (MicroApps) seminars, industry workshops, and exhibits.

Technical experts from Industry present at the MicroApps and Industry Workshops. The focus is on providing practical information, in many cases basic design or test techniques and/or legacy knowledge, that attendees can readily apply their current projects and products. Theoretical and sales/marketing information is strongly discouraged. Presenters may, however, point out specific features of their products that help solve the presented problems and also provide the opportunity to have follow-up discussions at the exhibitor booths. Only registered exhibitors may submit proposals and present in these two forums.

About MicroApps:

The MicroApps seminars are 15 minutes each in duration and will be held 13-`5 June 2023. MicroApps seminars are grouped by subject matter, so that interested attendees may gather information on a specific topic from diverse industry experts. This grouping also allows exhibitors networking opportunities with industry partners and supply chains, by providing easy access relevant companies and experts with a given focus area. The MicroApps seminars are held at the MicroApps theater in the exhibit area, providing easy access (at no additional charge) for all the attendees and exhibitors.

About Industry Workshops:

The Industry Workshops are 2-hours each in duration, with one or more presentations. They are presented by a single company or group of companies on a specific technical topic in much greater depth than the MicroApps seminars, possibly with live demonstrations and panel discussions that encourage attendee interaction. The Industry Workshops are held in a classroom setting and are open to all registered Microwave Week attendees.

Visit ims-ieee.org for to submit your proposal. This is the only allowed method of submission for MicroApps or Industry Workshops. No other form of "submission" will be considered.

The following information is necessary for your proposal submission:

1. Primary Author/Organizer Information: Name(s), Title(s), Affiliation, Telephone #, and Email Address
2. MicroApps and Industry Workshops:
    - Presentation Title, Topic Category, Presenter Name(s), Short Presenter Bio, Title, Affiliation, Telephone #, and Email Address.
    - 50 to 100 word abstract (in English). The abstract should describe the product or process, its importance to the microwave community, and benefit to attendees.
    - Indicate if there will be any demonstrations planned and if there are any special AV requirements.
3. If your proposal is accepted, you will be asked to authorize IMS2023 to publish your abstract and technical presentation in the proceedings.

The IMS2023 MicroApps and Industry Workshops Committee will review the submitted information including the abstract and select those proposals that

(i) are from IMS2023 paid exhibitors and

(ii) address one or more of the suggested topics (see table below).

Electronic Submission Deadlines

Proposals Due:	6 December 2022
Proposal Decision Notification:	7 February 2023

Suggested MicroApps Topics (15 minutes per topic)	Suggested Industry Workshop Topics (2-hours per topic)
CAD and Modeling Products and Techniques (Software)	GaN Technology and Amplifier Design
Waveguides, Filters, and Other Passive Components	Practical Antenna Design and Testing
Circulators, Isolators, and Other Passive Components	Beam-Forming Network Design
Antenna and Antenna Components	Electronic Module Packaging
Low Noise Devices	SoC Design and Test
High Power Devices, including GaN Devices	Design to MIL-STD-810G and MIL-STD-461
Frequency Translation Devices	Wideband Signal Sources/Receivers for EW
SOC Devices, including 5G Devices	Automotive Radar
Fiber-Optic Devices	Automated Test Stations for Production
Sub-Assemblies (Vector Modulators, Oscillators)	How to Make Low Noise Measurements
Sensor Devices, Assemblies, Systems	Phase Noise Measurement
Systems (Transmitters, Receivers, Jammers)	Front-End Modules for Wireless
Instrumentation and Measurement Techniques (Test Equipment)	High Power Testing
Test Equipment Software	Design for EMI/EMC, Testing, Qualification
Materials	Quantum Electronic Testing
Packaging and Interconnects	Quantum Technology for Signal Generation
Manufacturing Processes and PC Boards	Space and High Rel MW Applications
Extreme Environment Design and Test	Microwave measurements for biomedical applications
Biomedical Applications of RF/MW	RF/MW Applications in Medicine
5G/6G Fundamentals	Arbitrary Waveform Generation
	Topics on Filters
	5G Measurements
	OTA validation and testing
	6G Systems

Quick Comparison of MicroApps Seminars and Industry Workshops:

	Industry Workshops	**MicroApps Seminars**
Presentation Length	2 Hours	15 minutes
Presentation Format and Location	Workshop in Classroom Style	On the Stage in the Exhibit Hall
Publication Format	Virtual Proceedings	Virtual Proceedings
Cost to IMS Registrant to Attend	Free	Free
Cost to IMS Exhibitor to Participate	Free	Free