



2019 IEEE MTT-S International Microwave Symposium

2 – 7 June 2019, Boston Convention Center, Boston, Massachusetts



CALL FOR PROPOSALS

MICROWAVE APPLICATION SEMINARS, INDUSTRY WORKSHOPS

The IEEE MTT-S 2019 International Microwave Symposium (IMS2019) will be held 2 – 7 June 2019 at the Boston Convention Center, Boston, MA, USA. IMS2019 is the centerpiece of the **Microwave Week**, which offers technical sessions, interactive forums, plenary and panel sessions, workshops, short courses, **microwave application seminars, industry workshops**, and exhibits. In addition, a wide variety of other technical and social networking activities including guest programs are offered. The Microwave Week the RFIC Symposium (www.rfic-ieee.org) and the ARFTG Conference (www.arftg.org).

The **Microwave Application seminars (MicroApps)** and **Industry Workshops**, offered Tuesday, June 4, through **Thursday, June 6, 2019**, provide a unique forum for the exchange of ideas and practical knowledge related to the design, development, production, and test of products and services. Technical experts from the IMS2019 paid exhibitors present at the MicroApps and industry workshops. The focus is on providing practical information, in many cases basic design or test techniques and/or tribal knowledge, that practicing engineers and technicians can apply to solve the current issues in their projects and products. Theoretical and sales/marketing information is discouraged at these forums. However, presenters may point out specific features of their companies' products that help solve the problems and also provide the opportunity to have follow-up discussions at the exhibitor booths.

The MicroApps seminars are 15 minutes each in duration. IMS2019 MicroApps and Industry Workshops Committee (MIWC) will group and schedule the MicroApps seminars based on subject matter, so that interested attendees may gather information on a specific topic from a variety of industry experts. The grouping also allows other exhibitors seeking industry partners and supply chains, to quickly access all relevant companies and experts with the desired subject matter expertise. The MicroApps seminars are held at the MicroApps theater in the exhibit area, to facilitate easy access (at no additional charge) for all the attendees and exhibitor personnel. Companies presenting the MicroApps seminars can invite people to hear the seminar using an "Exhibition Only" free pass to IMS2019 that one may obtain through MP Associates. The MicroApps seminar presentation materials (PowerPoint files converted to PDF) will be available electronically through the IMS website and the IMS Microwave Week mobile application (mobile app), free of charge to those who register at the website or mobile app.

The Industry Workshops are 2-hours each in duration, with one or more presentations. They are awarded to a single company or group of companies to discuss a specific technical topic in much greater depth than the MicroApps seminars, possibly with live demonstrations and attendee participation. The Industry Workshops are held in a classroom setting, and are open to all registered Microwave Week attendees. Companies presenting the Workshops can invite people to attend the workshop using an "Exhibition Only" free pass to IMS2019 that one may obtain through MP Associates. The Industry Workshop presentation materials (PowerPoint files converted to PDF) will be



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1721 Boxelder St., Ste. 107, Louisville, CO 80007, USA
Tel. +1 303.530.4562, fax. +1 303.530.4334, www.ims2019.org





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available electronically to the registered attendees of the industry workshop through the IMS website and the IMS Microwave Week mobile app.

Exhibitors are invited to submit their proposals to present MicroApps seminars and/or Industry Workshops. All proposals must be submitted electronically at the following website:

<https://www.mpassociates.com/ml/account/login.aspx?redirectkey=57>. Proposals that are submitted by other means, such as emails to the MicroApps and Industry Workshop committee members will be not reviewed or accepted. Please have the following information handy when you are ready to submit your proposal.

1. Primary Author/Organizer Information: Name(s), Title(s), Affiliation, Telephone #, and Email Address
2. MicroApps Seminar or Industry Workshop
 - **If a MicroApps seminar, please provide following information**
 - Presentation Title, Topic Category, and 30 to 50 word abstract (in English);
 - Describe the product or process, its importance to the microwave community, and how it helps a practicing engineer or technician.
 - **If an Industry Workshop, please provide the following information**
 - 50 to 100 word abstract (in English); Describe the product or process, its importance to the microwave community, and how it helps a practicing engineer or technician.
 - Presentation Title, Topic Category, Presenter Name(s), Title, Affiliation, Telephone #, and Email Address
 - Indicate if there will be any demonstrations planned and if there are any special needs
3. A statement using the company letterhead explicitly authorizing IMS2019 to print your abstract and to publish your technical presentation on a website if your seminar is selected.

The IMS2019 MicroApps and Industry Workshop Committee (MIWC) will review the submitted information including the abstract, and select those proposals that (i) are from IMS2019 exhibitor, (ii) address one or more of the suggested topics (see table). Other topics will also be considered.

Electronic Submission Deadlines

Proposals: **December 5, 2018**
Proposal Decision Notification: **January 31, 2019** (MIWC email to Primary Author/Organizer)
Final Micro Apps Manuscripts/Presentations: **March 7, 2019**

MicroApps Committee

(IMS2019microapps@gmail.com)
S. Lichawala (co-Chair)
Michael J. Virostko (co-Chair)

Industry Workshops Committee

(IMS2019microapps@gmail.com)
Dogan Gunes (co-Chair)
Amit Burstein (co-Chair)



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IMS2019 MicroApps, Industry Workshop Topics (other topics will be considered):

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	Design to MIL-STD-810G
High Power Devices, including GaN Devices	Design to 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	CMOS for MW/MMW Applications
Packaging and Interconnects	MW/MMW Imaging
Manufacturing Processes and PC Boards	Automotive radar
Extreme Environment Design and Test	Space and High Rel MW Applications
Biomedical Applications of RF/MW	RF/MW Applications in Medicine



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