



# 2010 IEEE MTT-S INTERNATIONAL MICROWAVE SYMPOSIUM

*The Golden State of Microwaves*



May 23-28, 2010  
Anaheim, California  
[www.ims2010.org](http://www.ims2010.org)



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## Microwave Application Seminars Call for Presentations

The Microwave Application Seminars (MicroApps) at the IEEE MTT-S International Microwave Symposium 2010 (IMS2010) will be held in Anaheim, California, Tuesday, May 25 through Thursday, May 27, 2010. Exhibitors at the Symposium are invited to submit applications engineering technical papers describing state-of-the-art products and processes of interest to the microwave community, to be considered for oral presentation, as well as electronic distribution, to IMS attendees.

**Electronic Submission:** Technical seminars for presentation at this symposium must be submitted via email to [microapps@ims2010.org](mailto:microapps@ims2010.org). Do not submit your abstract to MP Associates.

## Electronic Submission Deadlines

Abstract for Review: (closed)

November 30, 2009

Final Manuscripts (for DVD):

March 4, 2010

Presentation:

May 19, 2010

All submissions must be made through email:

[microapps@ims2010.org](mailto:microapps@ims2010.org)

### All submissions must be in PDF form; hard copies not accepted

#### A Submission consists of:

1. Author information: name(s), title(s), affiliation, telephone # and email address.
2. A 30 to 50 word abstract (in English) in PDF (Acrobat V6.0 or newer) format. No zip files. Describe the product or process, its importance to the microwave community and how it advances the state-of-the-art in an application.
3. A statement using the company letterhead authorizing IMS2010 to print your abstract and to record and publish your technical presentation on a limited access website and DVD if your seminar is selected.

The decision to accept a seminar for presentation is based on this summary and confirmation that your affiliation is a registered exhibitor at IMS2010.

**Seminar Selection Criteria:** Each exhibitor is invited to submit an abstract detailing an applications presentation. All submissions must be in English, and may cover new products, noteworthy state-of-the-art components, new technologies, manufacturing and design techniques incorporating the exhibitor's products and technologies. They will be reviewed by the Microwave Application Seminar Committee. Papers are open to all IMS registrants and should appeal to the exhibit attendees. The selection criteria include relevance and interest to MTT-S members and the local microwave community.

#### Presentation Format

Power Point presentations with embedded movies are strongly encouraged. The presentations are made in the MicroApps theater located at the center entrance to the exhibit floor. Advanced acoustics will be employed that permit everyone inside the theater to hear the presentation and exhibitors outside to conduct normal business. Your company will be given the opportunity to invite people to hear your presentation using an "Exhibition Only" free pass to IMS2010.

Seminar presentations are typically 20 minutes in length. Time allocations for each presentation will be set by the review committee. Allotted presentation time may be reduced for multiple submissions from each exhibitor. The file for the DVD should not exceed 100MB. The DVD is offered free of charge to all MicroApps attendees. Presentation should be by digital projection using the session PC and are due May 19th, 2010. Voice recordings will be made as the slides are presented during the session and combined with the slides in video form.

#### Notification:

Authors will be notified of the evaluation results in January 2010.



2010

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## MicroApps Suggested Areas of Interest

(Other topics will also be considered.)

### CAD and Modeling Products and Techniques

- Design for testability
- Design for Manufacturability
- System Design

### Mechanical and Passive Components

- Transmission Lines
- Filters and Multiplexers
- Ferrite and Acoustic Components
- Conventional Passive Devices
- MEMS

### Active Components

- Digital and Mixed Signal Circuits
- Oscillators and Frequency Sources
- RF Power Devices and Amplifiers
- Low Noise Receivers and Components
- Monolithic Microwave Integrated Circuits
- New Semiconductor Technologies
- Optoelectronics for Microwave / Millimeter-wave Applications
- Super conducting Components and technology
- Switches, Phase Shifters, Limiters, Mixers, Frequency Multipliers

### Sub-Assemblies

- Hybrids and Modules
- Microwave Systems
- Wireless and Cellular Communications
- Broadband Communication
- Sensors and Sensor Systems
- RFID

### Instrumentation and Measurement Techniques

- Novel Testing Techniques
- Assembly Test Techniques
- Basic RF and Microwave “Nuts and Bolts” Test Procedures
- Wafer and Die RF Probe
- Extreme Environments Evaluation

### Packaging and Interconnects

### Manufacturing Processes

The objective of this year's MicroApps is to reach out to the younger engineers and technicians. Tutorials and application notes on basic techniques and tribal knowledge are encouraged. MicroApps are intended to communicate practical knowledge; marketing / sales and theoretical presentations are strongly discouraged. Presenters can invite attendees to visit their exhibit for further discussion.

MicroApps presentations are limited to exhibitors at IMS2010.