



IMS2011 in Baltimore: A Perfect Match



Initial Call for Papers



Deadline for Paper Submission: Friday, December 3, 2010

IEEE MTT-S 2011 International Microwave Symposium

Baltimore Convention Center

June 5-10, 2011

www.ims2011.org

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The IEEE Microwave Theory & Techniques Society (MTT-S) International Microwave Symposium for 2011 (IMS2011) will be held in Baltimore, Maryland, as the centerpiece of Microwave Week 2011, and is scheduled from Sunday, June 5 through Friday, June 10, 2011.

IMS2011 offers technical paper sessions, interactive forums, plenary and panel sessions, workshops, short courses, industrial exhibits, application seminars, historical exhibits, and a wide array of other technical and social activities including a guest program. The Awards Banquet and Crab Feast are two of the highlights of the social activities. Collocated with IMS2011 are the RFIC Symposium (www.rfic2011.org) and the ARFTG Conference (www.arftg.org), which comprise the Microwave Week 2011 technical program.

PAPER SUBMISSION INSTRUCTIONS: Authors are invited to submit technical papers describing original work on radio-frequency, microwave, and millimeter-wave theory and techniques. The deadline for submission is **December 3, 2010**. **Late papers will not be reviewed.** Please refer to the IMS2011 website (www.ims2011.org) for an expanded description of the technical areas appearing on the reverse side of this Call. The website provides complete information concerning paper preparation and electronic submission, as well as other information of interest. Papers are limited to four pages (in PDF format) with a file size of 1 Mbyte. Hardcopy and e-mail submissions will not be accepted. Authors are strongly encouraged to use the template available at the website when preparing their paper. It is the author's responsibility to obtain all company and government clearances prior to submitting a paper.

IMS2011 will be instituting double-blind reviewing. Author and affiliation information must not appear directly or by inference on the uploaded PDF file. It is important that authors follow the instructions given on the IMS2011 website (www.ims2011.org) to ensure their submission conforms to this new policy.

Papers will be evaluated on the basis of **Originality, Content, Clarity, and Relevance**. Authors will be notified of the disposition by **January 31, 2011**. For accepted papers, electronic submission of a final manuscript including author and affiliation information along with copyright assignment to IEEE will be required by **March 11, 2011**. Symposium proceedings are published as a CD ROM and are archived in IEEE Xplore. Authors of selected papers will be invited to submit an extended version of their Symposium paper to the IMS2011 special issue of the *IEEE Transactions on Microwave Theory and Techniques*.

INVITATION TO SUBMIT PAPERS IN EMERGING TECHNICAL AREAS: IMS2011 enthusiastically invites submission of papers that report state-of-the-art progress in technical areas that are outside the scope of the listed areas (see reverse side of this Call), or that may be new to the Symposium but are of interest to our attendees. Authors who have other original research results that are of interest are encouraged to submit to IMS2011 by selecting one of the Emerging Technical Areas.

STUDENT PAPER COMPETITION: Students are encouraged to submit papers which will be evaluated using the same standards as all contributed papers, and will be eligible for the Student Paper Competition. Please consult the IMS2011 website (www.ims2011.org) for full details.

INVITATION TO SUBMIT PROPOSALS FOR SPECIAL SESSIONS, WORKSHOPS, AND SHORT COURSES: The Symposium invites proposals for Special Sessions (including focused, honorary, etc.), Workshops, Panel and Rump Sessions, and Short Courses (ranging from introductory to expert level). Special Sessions on topics that will be of high interest to the Symposium or particular relevance to the microwave community in the Washington DC/Baltimore area are solicited. Please consult the IMS2011 website (www.ims2011.org) for instructions on preparing a proposal. Proposals must be received by **September 17, 2010**.

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Visit www.ims2011.org
 for an expanded description of these Technical Areas

Microwave Field and Circuit Techniques

1. Field Analysis and Guided Waves
2. Frequency-Domain EM Analysis Techniques
3. Time-Domain EM Analysis Techniques
4. CAD Algorithms and Techniques
5. Linear Device Modeling
6. Nonlinear Device Modeling
7. Nonlinear Circuit and System Simulation

Passive Components

8. Transmission Line Elements
9. Passive Circuit Elements
10. Planar Passive Filters and Multiplexers
11. Non-planar Passive Filters and Multiplexers
12. Active, Tunable, and Integrated Filters
13. Ferroelectric, Ferrite, and Acoustic Wave Components
14. MEMS Components and Technologies

Active Components

15. Semiconductor Devices and Monolithic ICs
16. Signal Generation
17. Frequency Conversion and Control
18. HF, VHF, and UHF Technologies and Applications
19. Power Amplifier Devices and Circuits
20. High-Power Amplifiers
21. Low-Noise Components and Receivers
22. Millimeter-Wave and THz Components and Technologies

Systems and Applications

23. Microwave Photonics
24. Signal Processing Circuits at GHz Speeds
25. Packaging, Interconnects, MCMs and Integration
26. Instrumentation and Measurement Techniques
27. Biological Effects and Medical Applications
28. Arrays as Antennas and Power Combiners
29. Radar and Broadband Communication Systems
30. Wireless and Cellular Communication Systems
31. Sensors and Sensor Systems
32. RFID Technologies
33. High Power Microwave Industrial Applications

Emerging Technical Areas

34. RF Nanotechnology
35. New Technologies and Applications
36. Innovative Systems

Baltimore hosted IMS in 1986 and 1998, and in 2011 will continue its tradition of a great Technical Program as well as such favorites such as a Crab Feast. Baltimore's beautiful Inner Harbor has shops, attractions, and eateries all within walking distance of the Convention Center and over 20 major hotels. To see how IMS2011 can be more than just the best technical Symposium you have ever attended, please visit www.baltimore.org. You will agree that Baltimore and IMS2011 are *A Perfect Match*.

Some Important Dates

Sep. 17, 2010	Dec. 3, 2010	Jan. 31, 2011	Mar. 11, 2011	Mar. 18, 2011	Jun. 5-10, 2011
Friday	Friday	Monday	Friday	Friday	Sun. – Fri.
Proposal Submission Deadline	Paper Submission Deadline	Paper Disposition Notification	Manuscript Submission Deadline	Notes Submission Deadline	Microwave Week
<i>for Workshop, Short Course, Special Session, Panel and Rump Session</i>	<i>all submissions must be made electronically</i>	<i>authors will be notified via e-mail and on the website</i>	<i>for the final manuscript of accepted papers and copyrights</i>	<i>electronically upload both color and B&W versions of Workshop Notes</i>	<i>IMS2011, RFIC2011, 77th ARFTG, and Exhibition</i>

