



# 2010 IEEE Radio Frequency Integrated Circuits Symposium Anaheim, California May 23-25, 2010



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## RFIC 2010 Call for Papers

The **2010 IEEE Radio Frequency Integrated Circuits Symposium (RFIC 2010)** will be held in Anaheim, California on May 23-25, 2010. For the latest information, visit: [www.rfic2010.org](http://www.rfic2010.org)

**Electronic Paper Submission/Communication:** Technical papers must be submitted via the RFIC 2010 web site at [www.rfic2010.org](http://www.rfic2010.org). Hard copies will not be accepted. Complete information on how and when to submit a paper will be posted on the RFIC 2010 web site.

**Technical Areas:** Papers are solicited describing original work in RFIC design, system engineering, system simulation, design methodology, RFIC circuits, fabrication, testing and packaging to support RF applications in areas such as, but not limited to:

- **Cellular System IC's and Architectures:** GMSK/8PSK, CDMA, 3/4 G, Wi-MAX, GPS.
- **Wireless Data System IC's and Architectures:** Bluetooth, 802.1x, Telemetry, RFID.
- **Wide Band System IC's:** UWB, MMDS, CATV, Optical System, Backplane.
- **Small-Signal Circuits:** LNA's, Mixer's, VGA's, Active Filters, Modulators.
- **Large-Signal Circuits:** Power Amplifiers, Drivers, Advanced TX circuits, Linearization.
- **Frequency Generation Circuits:** VCO's, PLL's, Synthesizers.
- **RFIC Device Technologies:** IC Technologies, Si, MEMs, SOI, GaAs.
- **RFIC Testing:** Packaging, Modules, Embedded Testing.
- **Modeling and CAD:** RFIC Modeling, Characterization of Active and Passive Devices.
- **Si Millimeter Wave IC's:** Circuits (PA, Mixer, LNA) and Systems (Vehicular, Medical).

**Technical Format:** The technical sessions will be held for three days from Sunday through Tuesday. Workshops will be on Sunday. Several invited sessions and talks will take place during the conference.

**Microwave Week 2010:** The RFIC 2010 will be in conjunction with the IEEE MTT-S International Microwave Symposium (IMS). Microwave Week 2010 will continue with the International Microwave Symposium and Exhibition, and the Microwave Historical Exhibit.

**Guest Program:** The renovated Anaheim Convention Center and Anaheim Hilton has completely transformed our 2010 conference location since we were there in 1999. The surrounding area has also been significantly upgraded to appeal to both young and old alike. The new Disney's California Adventure® Park offers many more entertainment options. And the recently completed Garden Walk brings vast dining options in addition to Downtown Disney and the surrounding establishments.

### Electronic Submission Deadlines

Technical Paper Summaries in PDF format:

Final Manuscripts for the Digest and CD-ROM:

**All submissions must be made through the RFIC2009 portal:**

**ALL SUBMISSIONS MUST BE IN PDF FORM**

**5 January 2010**

**2 March 2010**

[www.rfic2010.org](http://www.rfic2010.org)

**Hard copies not accepted**



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<http://www.rfic2010.org>



# Technical Paper Electronic Submission

## Author Registration and Paper Summary Steps:

1. Author registration form: title, author(s), and affiliation(s), and statement of exclusivity. This form also includes a 30-50 word abstract (describe the subject, its importance, and how the work contributes to the field). This required information must be submitted at the website: <http://www.rfic2010.org>
2. A four-page template for submitting the paper summary will be available at the website: <http://www.rfic2010.org> for authors to copy. This four-page template should be used for writing summary, including texts and figures. **Make sure that the paper summary, including figures, does not exceed 4 pages, and the filesize is less than 1 MB. For PDF files, use Distiller and select "embed all fonts". Please note that we are not accepting \*.doc files.**
3. Submission deadline: **January 5, 2010**  
*Submissions will be acknowledged instantly.*
  - HARD copy and FAX submissions will NOT be accepted.
  - More than 4 pages of summaries will NOT be accepted.
  - Late submissions will NOT be considered.

Authors of accepted papers will be required to submit a detailed paper, which includes clear photos of the IC's described, for publication in the Symposium Digest.

**Paper Selection Criteria:** All submissions must be in English. Papers will be selected based on the following factors:

- **Originality:** The paper must be unique and significant.
- **Quantitative content:** The summary should give an explicit description of the work with complete supporting data and adequate references to the existing literature.
- **Quality:** Clarity of the writing and figures. What is the context of the contribution to previous work?
- **Interest to RFIC membership:** Why should this work be reported at this conference?

**Clearances:** Authors are cautioned to obtain all required company and government clearances prior to submitting a paper. A statement that such clearances have been obtained, signed by the submitting author, must accompany the final manuscript of each accepted paper.

## Presentation Format:

- **Full-Length Papers** report significant contributions, advancements, or applications of microwave technology in a formal presentation format with limited audience interaction.
- **Interactive Forum Papers** provide an opportunity for authors to present theoretical or experimental results in greater detail, and in poster format, and/or to display hardware, perform demonstrations, and/or conduct discussions in an informal manner with interested colleagues.

**Student Paper Contest:** A student paper contest will be held as part of the Symposium. Student papers will be reviewed in the same manner as all other conference papers. To be considered for an award, the student must have been a full time student (9 hours/term graduate, 12 hours/term undergraduate) during the time the work was performed. The student must be the lead author of the paper and must present the paper at the Symposium. *The student is required to provide the e-mail address of the advisor as a part of the paper submission process.* A memorandum will be automatically sent to the advisor to certify that the work was done by the student. Papers accepted for the competition will be judged on content. First, second, and third prizes will be awarded.

**Notification:** Authors will be notified of the evaluation result in February 2010. Authors of accepted papers will receive copyright release forms and instructions for publication and presentation, as well as electronic submission of copyright release form. Final Manuscripts must be received by March 2, 2010 for publication in the RFIC Symposium Digest.

**Double Submission:** **Do not double submit your manuscript to both IMS and RFIC Symposia ... as double submissions will be automatically rejected.**

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Call for Papers  
2010 RFIC Symposium  
Anaheim, California  
May 23-25, 2010



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