



2007 IEEE Radio Frequency Integrated Circuits Symposium Honolulu, Hawaii June 3-5, 2007



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RFIC 2007 Call for Papers

The **2007 IEEE Radio Frequency Integrated Circuits Symposium (RFIC 2007)** will be held in Honolulu, Hawaii on June 3-5, 2007. For the latest information, visit: www.rfic2007.org

Electronic Paper Submission/Communication: Technical papers must be submitted via the RFIC 2007 web site at www.rfic2007.org. Hard copies will not be accepted. Complete information on how and when to submit a paper will be posted on the RFIC 2007 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:** GSM, EDGE, TDMA, CDMA, 3G, WCDMA, GPS.
- **Wireless Data System IC's and Architectures:** WLAN, 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.
- **Frequency Generation Circuits:** VCO's, PLL's, Synthesizers.
- **Device Technologies and RFIC Testing:** Technologies, Packaging, Modules, Embedded Testing.
- **Modeling and CAD:** RFIC Modeling, Characterization of Active and Passive Devices.

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 2007: The RFIC 2007 will be in conjunction with the IEEE MTT-S International Microwave Symposium (IMS). Microwave Week 2007 will continue with the International Microwave Symposium and Exhibition, and the Microwave Historical Exhibit.

Guest Program: The Hawaiian Islands are a world-renowned visitor destination with many activities for you and your family to enjoy. Snorkel among tropical fish at Hanauma Bay. Learn to surf at Waikiki Beach. Golf at one of more than 80 courses and world-class resorts. Explore fiery lava flows on the Big Island. Hike through lush rainforests on Kauai. Cruise down a Maui volcano on a mountain bike. Many of these and other historical Hawaiian cultural activities will be part of our guest program. For more information in several languages, visit www.gohawaii.com

Electronic Submission Deadlines

Technical Paper Summaries in PDF format:

Final Manuscripts for the Digest and CD-ROM:

All submissions must be made through the RFIC2007 portal:

ALL SUBMISSIONS MUST BE IN PDF FORM

8 January 2007

5 March 2007

www.rfic2007.org

Hard copies not accepted



Sponsored by the IEEE MTT-S, EDS, and SSCS
<http://www.rfic2007.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.rfic2007.org>
2. A four-page template for submitting the paper summary will be available at the website: <http://www.rfic2007.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 8, 2007**
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 2007. Authors of accepted papers will receive copyright release forms and instructions for publication and presentation. Final Manuscripts must be received by March 5, 2007 for publication in the RFIC Symposium Digest.

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