



# IEEE International Symposium on Radio-Frequency Integration Technology (RFIT)

**30 November – 2 December 2011**

**Park Plaza Beijing Science Park, Beijing, China**

## Call for Papers

### Organizing Committee

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#### Webmaster:

Qi Peng, Tsinghua U., China

#### Conference Secretary:

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**Website:** [www.ieee-rfit.org](http://www.ieee-rfit.org)

Having been successfully held in Singapore since 2005, the RFIT Symposium will start rotating around IEEE Region 10 and will be held in Beijing this year. RFIT is a small yet interdisciplinary forum for microwave and microelectronics technologies. It is co-sponsored by Tsinghua University, the IEEE Microwave Theory and Techniques Society, and the IEEE Solid-State Circuits Chapters in Beijing and Singapore.

RFIT provides a forum for integrated circuit and technology communities to meet and present the latest developments in integrated circuit design, technology and system integration, with emphasis on wireless communication systems and emerging applications such as biology and healthcare. This year's theme is **RF Integration for Health Care and Sustainable Environment**.

RFIT will again feature both invited and contributed papers. Distinguished researchers will be invited to deliver keynote speeches and invited talks on technology trends and significant advances. Best papers will be selected from contributed papers for awards. Both invited papers and contributed papers accepted by RFIT will appear in IEEE Xplore and the Engineering Index and extended versions of the papers can be published in a special issue of IEEE Transactions on Microwave Theory and Techniques subject to the normal review procedure. However, papers will not be published without completion of the IEEE Copyright Form. This will be completed electronically as part of the final manuscript submission process.

### The topics of interest include, but are not limited to:

- (1) Millimeter-wave ICs and systems
- (2) RF transceiver and building blocks
- (3) Synthesizers (VCO, DCO, PLL and divider)
- (4) Analog and mixed-signal circuits and systems
- (5) RF device technologies and modeling
- (6) Low-power wireless data system ICs
- (7) THz and optical sources, ICs and modules
- (8) Digitally assisted RFIC and software-defined radios
- (9) Integrated on-chip antennas and passive components
- (10) 3D system integration and novel packaging technologies
- (11) MEMS/NEMS cum IC integration
- (12) Emerging technologies, circuits and applications
- (13) Biomedical RF electronics
- (14) Wireline communication ICs
- (15) Others

### Electronic paper submission:

Prospective authors are invited to submit a 4-page manuscript in English and IEEE PDF eXpress format. The manuscript should emphasize original contributions and key findings, including important figures, diagrams and results from both simulations and measurements. References should be clearly cited and up to date. If accepted, the manuscript needs to be resubmitted in exactly the required format and will be published as is. By submitting a manuscript, the authors promise that, if accepted, at least one of them will attend RFIT2011 with full registration.

Manuscript template with format and style guides is available at [www.ieee-rfit.org](http://www.ieee-rfit.org).

### Important Deadlines (Beijing Time = GMT + 8):

Manuscript submission:	15 August 2011
Acceptance notification:	19 September 2011
Final manuscript Submission:	17 October 2011
Author registration:	31 October 2011
Early registration:	14 November 2011

