



Announcement and Call for Papers

ICMTCE2013

August 27~29, 2013, Qingdao, China

2013 IEEE International Conference on Microwave Technology & Computational Electromagnetics

<http://www.ICMTCE.org>

Locally organized by

Institute of Microwave Technology
Beijing Institute of Technology (BIT)

Sponsored by

IEEE Beijing Section

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sunhoujun@bit.edu.cn

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hemang@bit.edu.cn
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Paper submission deadline:

May 31, 2013

Notification of acceptance:

June 30, 2013

Conference working language:

English

2013 IEEE International Conference on Microwave Technology & Computational Electromagnetics (ICMTCE2013), jointly sponsored by IEEE Beijing Section and Beijing Institute of Technology (BIT), will be held on August 27~29, 2013, in Qingdao, China. The conference will provide an international forum for the discussion of the recent advances in microwave technology and computational electromagnetics. Authors are invited to submit papers on the following topics (submissions on related topics are also welcome):

A. Microwave Technology

1. Active integrated antennas
2. Adaptive and smart antennas
3. Angle-of-arrival and position estimation
4. Dielectric resonator antennas and arrays
5. Digital beamforming
6. EMC/EMI
7. EM, antenna, and microwave measurements
8. Frequency selective surfaces and radomes
9. Inverse scattering, imaging and remote sensing
10. LTCC components and circuitry
11. Manufacturing techniques
12. Metamaterials and metasurfaces
13. Microwave & millimeter wave systems and components
14. Microstrip antennas, arrays, and circuits
15. Mobile and small antennas
16. MMIC techniques & VLSI
17. Phased-array antennas
18. Reconfigurable antennas and arrays
19. RFIC/RFID techniques
20. EM scattering, diffraction, and RCS
21. Terahertz techniques
22. Ultra-wideband and multi-band systems
23. Wave propagation in complex media
24. Wireless communication systems

B. Computational Electromagnetics

1. Direct solvers in CEM
2. Domain decomposition methods
3. Fast iterative techniques
4. FDTD methods
5. FEM methods
6. High-frequency and asymptotic methods
7. Hybrid methods
8. Integral Equation methods
9. Methods for multiscale problems
10. Optimization techniques in EM design
11. Parallelization techniques
12. Transients and time-domain techniques

C. Other relevant topics

1. Bioeffects and medical applications
2. Chaotic and fractal electromagnetics
3. Military applications
4. Multiphysics electromagnetics
5. Nano-electromagnetics
6. Nonlinear electromagnetics
7. Radar applications

Paper Submission Guidelines:

1. Only electronic manuscript in WORD format through the online submission system at the conference website (<http://www.ICMTCE.org>) will be accepted.
2. Each paper should be no more than four A4 (21.5 cm × 27.9 cm) pages.
3. The manuscript template can be downloaded from the conference Web site.
4. A separate page should be submitted with the presenter's complete mailing address, fax number, e-mail address, and a statement specifying the most appropriate topic in the above suggested areas.