



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

Co-sponsored by

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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

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

B. Computational Electromagnetics

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

C. Other relevant topics

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

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.