

PIERS 2007 in Beijing

Progress in Electromagnetics Research Symposium

26 - 30 March 2007

Beijing, CHINA

CALL FOR PAPERS

PIERS provides an international forum for reporting progress and recent advances in all aspects of electromagnetics. Spectra range from statics to RF, microwave, photonics, and beyond. Topics include radiation, propagation, diffraction, scattering, guidance, resonance, power, energy and force issues, and all applications and modern developments. Potential session organizers are welcome to propose specific technical topics by filling out the PIERS survey at <http://piers.org>.

SUGGESTED TOPICS:

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|---|--|
| 1 Electromagnetic theory | 2 Computational electromagnetics, hybrid methods |
| 3 Spectra, time, and frequency domain techniques | 4 Fast iteration, large scale and parallel computation |
| 5 Transmission lines and waveguide discontinuities | 6 Resonators, filters, interconnects, packaging, MMIC |
| 7 Antenna theory and radiation | 8 Microstrip and printed antennas, phase array antennas |
| 9 RF and wireless communication, multipath | 10 Mobile antennas, conformal and smart skin antennas |
| 11 Power electronics, superconducting devices | 12 Systems and components, electromagnetic compatibility |
| 13 Nano scale electromagnetics, MEMS | 14 Magnetic levitation, transportation and collision avoidance |
| 15 Precision airport landing systems, GPS | 16 Radar sounding of atmosphere, ionospheric propagation |
| 17 Microwave remote sensing and polarimetry, SAR | 18 Subsurface imaging and detection technology, GPR |
| 19 Active and passive remote sensing systems | 20 Electromagnetic signal processing, wavelets, neural network |
| 21 Rough surface scattering and volume scattering | 22 Remote sensing of the earth, ocean, and atmosphere |
| 23 Scattering, diffraction, and inverse scattering | 24 Microwave and millimeter wave circuits and devices, CAD |
| 25 Optics and photonics, gyrotrons, THz technology | 26 Quantum well devices, microwave photonic systems, PBG |
| 27 Medical electromagnetics, radiation hazards, MRI | 28 Fiber optics, optical sensors, quantum computing |
| 29 Biological media, composite and random media | 30 Plasmas, nonlinear media, fractal, chiral media, LHM |
| 31 Constitutive relations and bianisotropic media | 32 Moving media, relativity, field quantization, and others |

PAPER SUBMISSION MUST BE RECEIVED BY 7 SEPTEMBER 2006

Paper Guidelines:

Authors are invited to submit papers of 1-5 pages in English. The paper should explain clearly the content and relevance of the proposed technical contribution. Accepted papers will be published in PIERS Online after the author is preregistered. A CD-ROM, instead of printed hard copies, will be attached to the printed Technical Program of PIERS 2007 in Beijing. Please visit PIERS07 website for the latest PIERS online sample files.

On a separate page list the following information: (1) Title of the paper, (2) Name, affiliation and email of each author, (3) Mailing address, (4) Telephone/Fax numbers, (5) Corresponding author and presenting author, (6) Topic or Session Organizer, if applicable, (7) State if poster presentation is preferred.

Paper Submission:

Please use On-Line-Submission (<http://piers.org>) to submit your contribution or via email (tpc@piers.org and/or piers@ewt.mit.edu) by attachments. Authors are recommended to use *.tex, *.doc, or *.pdf as the file format. If paper is in *.pdf format, for high quality of figures, please also submit the original figure files. The paper submission deadline is **7 September 2006** and the author pre-registration deadline is **7 November 2006**.

PRESENTING AUTHORS MUST PRE-REGISTER BY 7 NOVEMBER 2006

Each presenting author is limited to presenting no more than three papers in oral and poster sessions, and must preregister by paying a non-refundable fee of **US\$395** before **7 November 2006**. For students with valid identification, the non-refundable pre-registration fee is **US\$195**. Registration fee will be raised to **\$500** after **7 November 2006**. Papers will be posted in their entirety on the web after the pre-registration is completed.

Updated and detail information will be posted at <http://piers.org> and <http://emacademy.org>