

PIERS 2002

Progress In Electromagnetics Research Symposium

1 - 5 July 2002

Cambridge, MA, USA

CALL FOR PAPERS

The Progress In Electromagnetics Research Symposium (PIERS 2002) will be held on 1- 5 July 2002 in Cambridge, Massachusetts, USA.

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.

SUGGESTED TOPICS

- | | |
|---|--|
| 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 |
| 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 Mems, nano scale electromagnetics | 14 Magnetic levitation, transportation and collision avoidance |
| 15 GPS, precision airport landing systems | 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, lasers, gyrotrons | 26 Quantum well devices, microwave photonic systems |
| 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 |
| 31 Constitutive relations and bianisotropic media | 32 Moving media, relativity, field quantization, and others |

ONE-PAGE SUMMARY MUST BE RECEIVED BY 31 DECEMBER 2001

Guidelines: Authors are invited to submit a one-page summary of no less than 250 words in English. No full-length paper is required. The summary should explain the content and relevance of the proposed technical contribution, require no copyright transfer agreement, and contain no acknowledgments. Below the summary, specify the topic in which the paper should be placed or the name of the session organizer, if applicable. State if poster presentation is preferred. On a separate page, list (1) title of the paper, (2) name of the author(s), (3) affiliation, (4) complete mailing address, (5) telephone number, (6) fax number, and (7) E-mail address of each author. Please identify the corresponding author as well as the presenting author. Send all summaries to:

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Each presenting author is limited to presenting no more than three papers in oral and poster sessions, and must pre-register by paying a non-refundable fee of US\$355 before 1 March 2002.

After 1 March 2002, the pre-registration fee will be US\$395 and the summary may not be printed in the Proceedings. For students with valid identification, the registration fee is US\$195, and is non-refundable.

The registration fee for all other participants, including chairpersons, is US\$375 if received before 1 June 2002.

After 1 June 2002 and during the Symposium the registration fee for all participants will be increased to US\$395.

The summary will be posted in its entirety on the web at <http://www.piers.org> after the pre-registration is completed.

PRESENTING AUTHORS MUST PRE-REGISTER BY 1 MARCH 2002

Updated information will be posted at <http://www.piers.org>