PIERS 2013 in Taipei
Progress in Electromagnetics Research Symposium
25 – 28 March, 2013
Taipei, TAIWAN

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:

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, biological effects, 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 20 October 2012

Abstract Guidelines: Authors are invited to submit a one-page abstract of no less than 250 words in English. No full-length paper is required. The abstract should explain clearly the content and relevance of the proposed technical contribution. 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.

Please use On-Line-Submission (http://piers.org) to submit your contribution or via email (tpc@piers.org) by attachments. Authors are recommended to use *.tex, *.doc, or *.pdf as the file format. The abstract submission deadline is 20 October 2012 and the author pre-registration deadline is 20 December 2012.

Full-length Papers: Author of an accepted abstract is invited to (but is not required to) submit a full-length paper of 4–5 pages. All full papers will be subject to a peer-review process. Only accepted and registered papers will be published in the final PIERS Proceedings and available online after the conference. Selected full-length papers will be published in PIERS Online. Please visit PIERS website for the latest PIERS sample files. The deadline for the submission of extended papers is 30 December 2012.

PRESENTING AUTHORS MUST PRE-REGISTER BY 20 DECEMBER 2012

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$570 before 20 December 2012. For students with valid identification, the non-refundable pre-registration fee is US$300. Registration fee will be raised to $680 and $400 for students after 20 December 2012. Only pre-registered articles will be scheduled in the final Technical Program. Inclusion of the article in the Technical Program and PIERS Proceedings is guaranteed only after the registration of the presenting author is completed. Registration fee include admission to all technical sessions, break areas, and a copy of the draft proceedings in CD-ROM.

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