

# PIERS 1997

Progress in Electromagnetics Research Symposium  
July 7 - 11, 1997

Schlumberger-Doll Research  
Cambridge, Massachusetts, USA

## CALL FOR PAPERS

The Progress in Electromagnetics Research Symposium (PIERS 1997) will be organized by Schlumberger-Doll Research and will be held on July 7 - 11, 1997 at the Royal Sonesta Hotel in Cambridge, Massachusetts, USA.

PIERS provides an international forum for reporting progress and recent advances in the modern development of electromagnetic theory and its applications. Suggested topics are listed below, but consideration will be given to papers on other subjects.

### Symposium Organization

*PIERS Chairman:* Dr. Jin Au Kong, Room 26-305, MIT, Cambridge, MA 02139, USA

*PIERS 1997 General Chairman:* Dr. Brian Clark, Schlumberger-Doll Research, Ridgefield, CT, USA

*PIERS 1997 Technical Chairmen:*

Dr. Tarek M. Habashy, Schlumberger-Doll Research, Old Quarry Road, Ridgefield, CT 06877-4108, USA,  
Tel: (203) 431-5563, Fax: (203) 438-3819, e-mail: habashy@ridgefield.sdr.slb.com

Dr. Michael L. Oristaglio, Schlumberger-Doll Research, Old Quarry Road, Ridgefield, CT 06877-4108, USA,  
Tel: (203) 431-5566, Fax: (203) 438-3819, e-mail: oristaglio@ridgefield.sdr.slb.com

*PIERS 1997 Symposium Committee:* Drs. Gary Brown, Michael Fiddy, Hsiao Han, Ping Lee, Thuy Le Toan,  
Alain Priou, Carey Rappaport, Robert Shin, Reza Taherian, Leung Tsang, Y. Eric Yang

### Suggested Topics

1 Time-domain electromagnetics and pulses	15 Millimeter, submillimeter and light waves
2 Inverse scattering	16 Tropospheric and ionospheric propagation
3 Remote sensing of the earth, ocean and atmosphere	17 Scintillation
4 Polarimetric radar scattering	18 Photonics, nonlinear optics and devices
5 Polarimetric passive remote sensing	19 Interconnects
6 Imaging, tomography, holography	20 Microstrip and printed antennas
7 Random media, nonlinear media and turbulent media	21 Antenna theory and measurements
8 Geophysical subsurface probing	22 Rough surface scattering
9 Scattering and diffraction	23 Wavelets in electromagnetics
10 Microelectronic integrated circuits	24 Neural network techniques in electromagnetics
11 Acoustic, ultrasonic and elastic wave propagation	25 Atmospheric optics
12 Waves in composite and complex media	26 Superconducting electronics
13 Medical applications and biological effects	27 Mobile antennas
14 Computational and numerical techniques	28 Others

**DEADLINE: ONE-PAGE ABSTRACT MUST BE RECEIVED BY DECEMBER 2, 1996**

Authors are invited to submit an original (camera ready) and three copies of a one-page abstract of no less than 250 words. The abstract should explain clearly the content and relevance of the proposed contribution. No acknowledgments should be included. Your cover letter should include the complete mailing address, telephone, fax number, and e-mail address (if available) for the corresponding author. Please mail abstracts - do not send via facsimile. If possible, please also submit an electronic copy by e-mail (ASCII - plain text) to [piers97@ridgefield.sdr.slb.com](mailto:piers97@ridgefield.sdr.slb.com). The abstract deadline is December 2, 1996. Each presenting author is limited to presenting no more than three papers.

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**Abstract guidelines:** Abstracts are to be submitted in the English language, typed on one single-spaced 8.5 x 11 inch paper. Please use 12 point Times Roman or an equivalent serif typeface, set all margins to 25 mm (1 inch), set paragraph indentation to 3.5 mm (0.14 inch). Type title in bold, centered at the top. Below title, center name of author(s) with affiliation and complete mailing address. Left and right justify is recommended. On the reverse side of the original and all copies, please indicate (in PENCIL) the topic number for the area in which the paper should be placed (see topic list) or the name of the session organizer, if applicable.

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## ACCEPTANCE NOTIFICATION BY JANUARY 31, 1997 PRESENTING AUTHOR MUST PRE-REGISTER BY MARCH 7, 1997

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Acceptance notification will be mailed to the corresponding author of the submitted paper by January 31, 1997. Each presenting author is required to register in advance by March 7, 1997. A non-refundable pre-registration fee of US \$250 must be sent in by March 7, 1997.

### Abstract(s) and inquiries should be directed to:

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## ADVANCE PROGRAM AND INFORMATION WILL BE SENT BY APRIL 18, 1997

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**Registration:** Travel, lodging, registration and local information will be mailed with the Advance Program by April 18, 1997. The advance registration fee for all participants including session chairpersons and authors is US\$250 if payment is received before May 30, 1997. After this date and during the meeting, the registration fee will be increased to US\$300. The fee includes the Symposium program and proceedings, attendance at all technical sessions, refreshments and the opening reception.

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Updated information will be posted on the World Wide Web: <http://www.piers.org/>