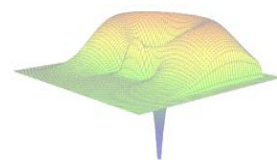


ACES

Applied Computational Electromagnetic Society



ACES Web Site: <http://aces.ee.olemiss.edu>

CALL FOR PAPERS

**The 20th Annual Review of Progress in Applied Computational
Electromagnetics, April 19-23, 2004**
Sheraton Syracuse University Hotel and Conference Center
Syracuse, New York

The 20th Annual Review of Progress in Applied Computational Electromagnetics Symposium will be held for the first time outside Monterey. The location is the Sheraton Syracuse University Hotel and Conference Center in Syracuse, New York, which will accommodate all the technical sessions on the same floor and the lodgings for all the attendees. It is an ideal opportunity to participate in a large gathering of EM analysis enthusiasts. The purpose of the Symposium is to bring developers, analysts, and users together to share information and experience about the practical application of EM analysis using computational methods. The symposium offers technical presentations of all aspects of electromagnetic computational analysis and applications.

Papers may address general issues in applied computational electromagnetics or may focus on specific applications, techniques, codes, or computational issues of potential interest to the applied computational electromagnetics community. All authors of accepted papers will have the option to submit an extended version of their paper or papers for review and publication in special issues of the ACES Journal. Suggested session topics follow, although contributions in other areas of computational electromagnetics are encouraged and will be considered.

Proposed Topics:

Low frequency electromagnetic applications	Time domain methods
Asymptotic and high frequency techniques	Hybrid techniques
Finite element methods	Inverse scattering techniques
Fast and efficient CEM methods	Wave propagation
Wavelet and TLM modeling	MEMS and MMIC
Computational bio-electromagnetics	EMC/EMI
Radar and remote sensing applications	Smart antennas and arrays
Neural network techniques for CEM	Mobile and PCS antennas
Optimization techniques for CEM	RF and microwave devices
Integral or Differential Equations	Phased array antennas
Wideband and multi-frequency antennas	Signal processing antennas

SYMPOSIUM STRUCTURE

The annual ACES Symposium includes: oral-invited sessions, poster sessions, a student paper competition, short courses (*full-day* and *half-day*), an awards banquet, vendor exhibits, and social events. The ACES Symposium will include panel sessions, where invited speakers deliver original essay-like reviews of topics of current interest to the computational electromagnetics community.

PAPER FORMATTING REQUIREMENTS

The recommended paper length, including text, figures, tables and references, is four (4) pages, with eight (8) pages as a maximum. Submitted papers should be formatted for 8.5x11-inch U.S. standard paper, with 1-inch top, bottom and side margins. On the first page, the title should be 1-1/2 inches from top with authors, affiliations, and e-mail addresses beneath the title. **Use single line spacing, with 11- or 12-point size of Times New Roman or Times font. Please do not use Asian fonts. No typed page numbers, headers or footers.** The entire text should be fully justified (flush left and flush right). A model paper can be found in the conference section on ACES web site at: <http://aces.ee.olemiss.edu>. Each paper should be submitted in camera-ready format with good resolution and clearly readable.

PAPER SUBMISSION PROCEDURE

No email, fax or hard-copy paper submission will be accepted. Papers are required, in Adobe Acrobat (version 5 or later) or in Microsoft Word 2000 format and must be submitted through ACES web site using the “Paper Submission” button in the left menu, followed by the selection of the “Conference” option, and then following the on-line submission instructions. Successful submission will be acknowledged automatically by email after completing all uploading procedure as specified on ACES web site.

SUBMISSION DEADLINE AND REGISTRATION REQUIREMENT

Submission deadline is **November 1, 2003**. A signed ACES copyright-transfer form must be mailed to the conference chair immediately following the submission as instructed in the acknowledgment of submission email message. Papers without an executed copyright form will not be considered for review and possible presentation at the conference. Upon the completion of the review process, by the technical program committee, the acceptance notification along with the pre-registration information will be mailed to the corresponding author on or about **December 10, 2003**. Each presenting author is required to complete the paid pre-registration and the execution of any required paper corrections by **February 1, 2004** for final acceptance for presentation and inclusion in the symposium proceedings.

BEST-PAPER PRIZE

A **\$500** prize will be awarded to the authors of the best non-student paper presented (poster or oral) at the 20th Annual Review. Papers will be judged by the ACES prize-paper committee.

BEST STUDENT PAPERS CONTEST

The best three (3) student papers presented at the 20th Annual Review will be announced at the symposium banquet. Student papers submitted for this competition will be judged by three (3) members of the ACES Board of Directors. The first, second, and third winners will be awarded cash prizes of **\$300, \$200, and \$100**, respectively.

For any additional information, including travel and lodging, please contact the conference Chair: **Tapan K. Sarkar** (tk Sarkar@svr.edu, Tel: 315-443-3775, Fax: 315-443-4441), or visit ACES web site at: <http://aces.ee.olemiss.edu>.

Symposium Chair	Symposium Co-Chair	Symposium Administrator	Short Course Chair	Exhibits Chair	Publicity Chair
<i>Tapan K. Sarkar</i>	<i>Atef Elsherbeni</i>	<i>Richard W. Adler</i>	<i>John Shaeffer</i>	<i>Andrew L. Drozd</i>	<i>Omar M. Ramahi</i>
Syracuse University	The University of Mississippi	Naval Postgraduate School	Retired CEM Enthusiast	ANDRO Consulting	University of Maryland