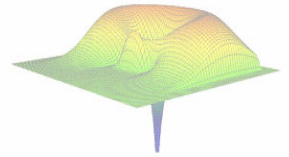


ACES

Applied Computational Electromagnetic Society



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

CALL FOR PAPERS

The 19th Annual Review of Progress in Applied Computational Electromagnetics
March 24-28, 2003

Naval Postgraduate School, Monterey, California

The Annual ACES Symposium 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.

The ACES Symposium is a highly influential outlet for promoting awareness of recent technical contributions to the advancement of computational electromagnetics. Attendance and professional program paper participation from non-ACES members and from outside North America are encouraged and welcome.

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 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 |
| NEC and moment method modeling | Coupled EM problems |
| Wideband and multi-frequency antennas | Pre- and post-processing |

SYMPOSIUM STRUCTURE

The annual ACES Symposium traditionally takes place during one week of March annually, and includes: (1) oral-invited sessions, (2) poster sessions, (3) a student paper competition, (4) short courses (*full-day* and *half-day*), (5) an awards banquet, (6) vendor exhibits, and (7) social events. The ACES Symposium also includes plenary and panel sessions, where invited speakers deliver original essay-like reviews of hot topics of interest to the computational electromagnetics community.

PAPER FORMATTING REQUIREMENTS

The recommended paper length, including text, figures, tables and references, is four (4) pages, with six (6) pages as a maximum. Excess pages over the limit of six (6) pages for each paper will be assessed a page charge of **\$50** per page. Submitted papers should be formatted for printing on 8.5x11-inch U.S. standard paper, with 13/16 inch side margins, 1 inch top and bottom 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 font size. The entire text should be fully justified (flush left and flush right). No typed page numbers. 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 when photo-reduced to the final proceedings format of 6x9-inch paper.

PAPER SUBMISSION PROCEDURE

No email, fax or hard-copy paper submission will be accepted. Photo-ready finished papers are required, in Adobe Acrobat 4.0 or 5.0 format (*.PDF) and must be submitted through ACES web site using the "Upload" 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 a few minutes after completing all uploading procedure as specified on ACES web site.

SUBMISSION DEADLINE AND REGISTRATION REQUIREMENT

Submission deadline is **November 1, 2002**. 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, 2002**. Each presenting author is required to complete the paid pre-registration and the execution of any required paper corrections by **January 10, 2003** for final acceptance for presentation and inclusion of accepted paper 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 19th Annual Review. Papers will be judged by a special ACES prize-paper committee.

BEST STUDENT PAPERS CONTEST

The best three (3) student papers presented at the 19th 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, please contact the conference Chair: **Atef Elsherbeni** (atef@olemiss.edu, Tel: 662-915-5382, Fax: 662-915-7231), or visit ACES on line at: <http://aces.ee.olemiss.edu> which has information on travel, lodging and Monterey local information.

| ACES President | Symposium Chair | Symposium Administrator | Short Course Chair | Exhibits Chair | Publicity Chair |
|--|------------------------------|------------------------------------|-------------------------------|----------------------------|------------------------------------|
| <i>Osama Mohammed</i> | <i>Atef Elsherbeni</i> | <i>Richard W. Adler</i> | <i>Bruce Archambeault</i> | <i>Andrew L. Drozd</i> | <i>Keith A. Lysiak</i> |
| Florida International University | University of Mississippi | Naval Postgraduate School | IBM | ANDRO Consulting | Southwest Research Institute |