

THE APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY

CALL FOR PAPERS

The 18th Annual Review of Progress in Applied Computational Electromagnetics

March 18-23, 2002

Naval Postgraduate School, Monterey, California

"Share Your Knowledge and Expertise with Your Colleagues"

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 analysts together to share information and experience about the practical application of EM analysis using computational methods. The symposium offerings include technical presentations, demonstrations, vendor booths and short courses. All aspects of electromagnetic computational analysis are represented. Contact for details:

Technical Program Chairman

Ross Speciale
Search and Development, Inc.
639 Camino de Encanto
Redondo Beach, CA 90277-6535
Phone: 310-375-1287
Email:rspeciale@socal.rr.com

Symposium Administrator

Richard W. Adler
ECE Dept, Code EC/AB
Naval Postgraduate school
Monterey, CA 93943-5121
Phone: (831)646-1111
Fax: (831)649-0300
Email:rwa@attglobal.net

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.

*The exact fee will be announced later. Each conference registration is entitled to publish two papers in the proceedings free of charge. Excess pages over a paper limit of 8 will be charged \$25/page.

2002 ACES Symposium

Sponsored by:
in cooperation with:

ACES, NAVAL POSTGRADUATE SCHOOL
The IEEE Antennas and Propagation Society, the IEEE Electromagnetic
Compatibility Society and USNC/URSI

**Visit ACES on line at: www.emclab.umn.edu/aces and
<http://aces.ee.olemiss.edu>**

THE APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY

CALL FOR PAPERS

The 18th Annual Review of Progress in Applied Computational Electromagnetics

March 18-23, 2002

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 Society membership. Area and topics include:

- Code validation
- Code performance analysis
- Computational studies of basic physics
- Examples of practical code application
- New codes, algorithms, code enhancements, and code fixes
- Computer Hardware Issues
- Partial list of applications:

antennas	wave propagation
radar imaging	radar cross section
shielding	bioelectromagnetics
EMP, EMI/EMC	visualization
dielectric & magnetic materials	inverse scattering
microwave components	MIMIC technology
fiberoptics	remote sensing & geophysics
communications systems	propagation through plasmas
eddy currents	non-destructive evaluation
- Partial list of techniques:

frequency-domain & time-domain techniques	
integral equation & differential equation techniques	
finite difference & finite element analysis	
diffraction theories	physical optics
modal expansions	perturbation methods
hybrid methods	moment methods

PRELIMINARY INSTRUCTIONS FOR AUTHORS AND TIMETABLE

THESE DATES ARE SUBJECT TO CHANGE

November 15, 2001: Submission deadline. Electronic Submission required (PDF or Postscript formats) of full photo-ready finished paper. Format specifications & additional details will be found in the next paragraph, and later on, on the ACES website at: <http://aces.ee.olemiss.edu>. Submit to Technical Program Chairman. Please supply the following data for the corresponding author: name, address, email address, FAX, and phone numbers. See below for instructions for the format of paper.

December 01, 2001: Authors notified of acceptance.

PAPER FORMATTING REQUIREMENTS

The recommended paper length is 6 pages, with 8 pages as a maximum, including figures. The paper should be camera-ready (good resolution, clearly readable when reduced to the final print of 6 x 9 inch paper). The paper should be printed on 8-1/2 x 11 inch papers with 13/16 side margins, 1 inch top margin, and 1 inch on the bottom. On the first page, place title 1 inch from top with author and affiliation beneath the title. Single spaced type using 10 or 12 point front size, entire text should be justified (flush left and flush right). Do not place **page numbers except on backs of paper, using pencil. Authors using A4 Size paper should follow similar guidelines: on the first page, place title 2.5 cm from top with author and affiliation beneath the title; 1/75 cm side margins; 2.5 cm top margin; and 2.5cm on bottom margin.**

SHORT COURSES/HANDS-ON-WORKSHOP

Short courses and Hands-on-Workshops will be offered in conjunction with the Symposium covering numerical techniques, computational methods, surveys of EM analysis and code usage instruction. It is anticipated that short courses and hands-on-workshops will be conducted on Monday and Friday.

EXHIBITS

Vendor booths and demonstrations will feature commercial products, computer hardware and software demonstrations, and small company capabilities.