



ACES

Applied Computational Electromagnetics Society

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



CALL FOR PAPERS

The 28th International Review of Progress in Applied Computational Electromagnetics April 10-14, 2012, Columbus, Ohio

The international ACES Symposium serves as a forum for developers, analysts, and users of computational techniques applied to electromagnetic field problems for all frequency ranges. The symposium includes technical invited plenary and regular presentations, software demonstrations, vendor booths, and short courses.

Papers may address general issues in applied computational electromagnetics or focus on specific applications, techniques, codes, or computational issues of potential interest to the Applied Computational Electromagnetics Society (ACES) membership. The following is a list of suggested topics, although contributions in other areas of computational electromagnetics will be considered.

Computational Methods:

- Integral Equation
- Differential Equation
- Hybrid and Multi-Physics
- Low Frequency
- Asymptotic and High Frequency
- Fast and Efficient

EM Applications:

- RFID Systems
- Nanotechnology
- MEMS and MMIC
- Bio-Electromagnetics
- Remote Sensing
- Inverse Scattering
- Propagation Analysis

High Performance Computing:

- Parallel and GPU Computations
- Optimization Techniques

EM Modeling:

- Antenna Arrays
- Small Antennas
- TeraHertz Antennas
- Dielectric Resonator Antennas
- Printed and Conformal Antennas
- Wideband and Multiband Antennas
- Electrically Large Structures
- Guided Structures
- EBG and Frequency Selective Surfaces
- Metamaterial and Artificial Materials

Authors of accepted papers will have the option to submit an extended version of their paper or papers for review and publication in a special issue of ACES Journal.

SYMPOSIUM STRUCTURE

The international annual ACES Symposium traditionally includes: oral sessions, regular and invited, poster sessions, a student paper competition, short courses, software demonstration, an awards banquet, vendor exhibits, and 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 is four (4) pages, with six (6) pages as a maximum. **Submitted papers should be formatted for printing on 8.5x11-inch US standard paper, and should strictly follow the conference paper template posted on ACES site.**

PAPER SUBMISSION PROCEDURE

No email, fax or hard-copy paper submission will be accepted. Papers are required in Adobe Acrobat format (*.PDF) and must be submitted through the conference section on ACES web site. Successful submission will be acknowledged by email after completing the uploading procedure on ACES web site.

SUBMISSION DEADLINE AND REGISTRATION REQUIREMENT

Submission deadline is **October 15, 2011**. Upon the completion of the review process, the decision notification along with the pre-registration information will be emailed to the corresponding author on or about **December 15, 2011**. Corresponding author takes the responsibility to inform all other co-authors about the status of the paper. Each presenting author is required to complete the paid pre-registration and the execution of any required paper corrections by the firm deadline of **January 15, 2012** for final acceptance for presentation and inclusion in the symposium CD proceedings. Only two accepted papers can be associated with one conference registration.

STUDENT PAPERS CONTEST

Members of the ACES student paper competition committee selects the top ten (10) student papers submitted for presentation in a special session on the first day of the conference. Those ten students will be recognized at the 28th ACES Annual Review symposium banquet. Additionally, the top five (5) student papers presented will be announced and awarded cash prizes. The first, second, third, fourth, and fifth winners will be awarded **\$500, \$400, \$300, \$200, and \$100**, respectively.

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For more information, please visit ACES on-line at: <http://aces.ee.olemiss.edu>.