



ACES

Applied Computational Electromagnetics Society

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



CALL FOR PAPERS

The 26th International Review of Progress in Applied Computational Electromagnetics

In conjunction with RFIDay 2010

April 26 to 29, 2010, Tampere, FINLAND

General Chairs *Lauri Sydänheimo and Leena Ukkonen*, Tampere University of Technology
Technical Program Chair *Atef Elsherbeni*, The University of Mississippi

The international ACES symposium serves as a forum for developers, analysts, and users of computational techniques applied to electromagnetic field problems at all frequency ranges. The symposium includes technical presentations, software demonstrations, vendor booths, short courses, and hands-on workshops.

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

Suggested Topics:

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| Integral Equation Methods | Phased Array Antennas |
| Differential Equation Methods | Smart Antenna and Arrays |
| Fast and Efficient Methods | EBG and Artificial Materials |
| Hybrid and Multi-Physics Modeling | Nanotechnology Applications |
| EM Modeling of Complex Mediums | Frequency Selective Surfaces |
| Modeling Electrically Large Structures | MEMS-NEMS and MMIC |
| Inverse Scattering and Imaging Techniques | EMC/EMI Applications |
| Optimization Techniques for EM-based Design | Propagation Analysis |
| Asymptotic and High Frequency Techniques | Remote Sensing Applications |
| Low Frequency Electromagnetics | RFID Systems and Applications |
| Computational Bio-Electromagnetics | Modeling and Analysis of TeraHertz Antennas |
| Printed and Conformal Antennas | High Performance Computing |
| Modeling and Performance of RFID Systems | Parallel and GPU Computations |
| Wideband and Multiband Antennas | Modeling and Applications of Metamaterial |
| Dielectric Resonator Antennas | Modeling and Analysis of Small Antennas |

All authors of accepted papers will have the option to submit an extended version of their paper or papers for review and publication in the ACES Journal.

SYMPOSIUM STRUCTURE

The international annual ACES Symposium traditionally includes: (1) oral sessions, regular and invited, (2) poster sessions, (3) a student paper competition, (4) short courses, (5) software demonstration, (6) an awards banquet, (7) vendor exhibits, and (8) 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. Submitted papers should be formatted for printing on 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 font size. The entire text should be fully justified (flush left and flush right). No typed page numbers. A sample 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. Photo-ready finished papers are required, in Adobe Acrobat 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 by email after completing all uploading procedure as specified on ACES web site.

SUBMISSION DEADLINE AND REGISTRATION REQUIREMENT

Submission deadline is **November 16, 2009**. A signed ACES copyright-transfer form must be mailed to the conference technical 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 emailed to the corresponding author on or about **January 15, 2010**. 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 31, 2010** for final acceptance for presentation and inclusion of accepted paper in the symposium proceedings.

BEST STUDENT PAPERS CONTEST

The best three (3) student papers presented at the 26th Annual Review will be announced at the symposium banquet. Members of the ACES Board of Directors will judge student papers submitted for this competition. The first, second, and third winners will be awarded cash prizes of **\$300, \$200, and \$100**, respectively.

For questions please contact the conference chair *Leena Ukkonen* +358-44-5341507, aces2010@tut.fi or visit ACES on-line at: <http://aces.ee.olemiss.edu>