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applied computational **ACES** electromagnetics society

Newsletter

December 2014

Applied Computational Electromagnetic Society (ACES)

President's Message



Greetings from Golden, Colorado !

It has been busy fall with various activities related to ACES and ACES 2015 conference.

ACES Fellow nominations for 2015 were submitted and are being evaluated by the Fellow's committee. We look forward to distinguished

In This Issue

[President's Message](#)

[ACES 2015](#)

[ACES Journal](#)

Quick Links

[ACES](#)

[ACES 2015](#)

[ACES Journal](#)

members of ACES to be elevated to Fellow grade. We are looking forward to meeting the next class of ACES Fellows at the ACES Conference Banquet in Williamsburg. We are also very excited to announce the 2015 recipients of several [ACES Awards](#) at the ACES 2015 Banquet. Also we received excellent nominations for ACES members to serve on the Board of Directors (BoD). Please make sure you cast your vote to elect members to ACES BoD.

ACES 2015 in Williamsburg, Virginia is shaping to be a great conference. Keynote and plenary talks are planned by world renowned experts. Tutorials will be offered by experts in the field. We are also planning vendor tutorials during the conference. There will be software-giveaway from participating vendors. Many excellent papers are submitted and are being reviewed by Technical Program Committee (TPC). Also to enable more papers to be submitted, deadline for paper submission has been extended to January 5, 2015. It will be a great opportunity to submit your paper to ACES 2015. Also plan to make your hotel reservations at affordable group rates being offered. Hope to see you all in Williamsburg, Virginia.

I am also pleased to announce that we are caught up with the back log of papers for ACES Journal and now November issue is available for all ACES members. December issue will be available very soon. ACES Express Journal will also be available for ACES members soon.

I invite you to submit your contributions to the ACES 2015 conference and the ACES journal and participate in the growing activities of the ACES society.

[Atef Elsherbeni](#)

President - ACES

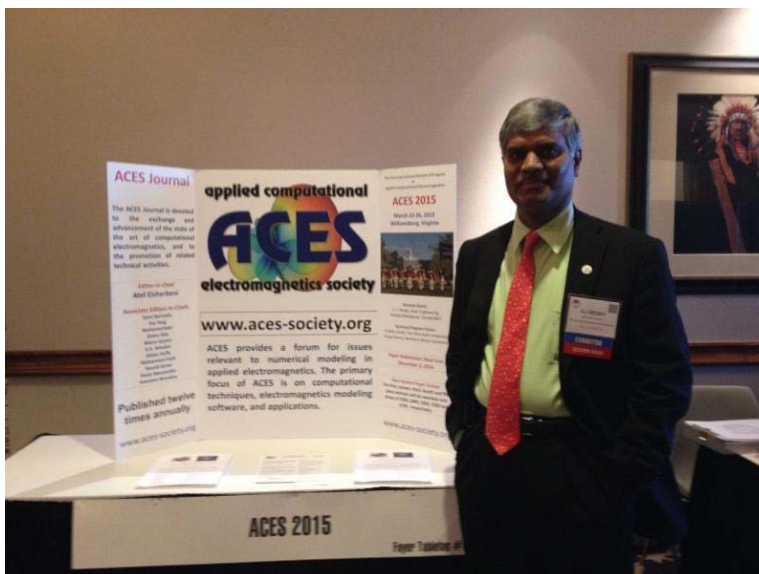
Dobelman Distinguished Chair and Professor
Electrical Engineering and Computer Science Department
Colorado School of Mines

Become ACES Member

ACES membership offers many advantages that include access to ACES journal and discounted registration fees for ACES conferences.

Member: \$40/year
Student/Retired Member: \$25/year
Life Member: \$400/year
Institutional Member:
Basic (US): \$360/year
Basic (Intl) \$540/year
Expanded(US): \$535/year
Expanded(Intl): \$715/year

Become ACES member by signing up [here](#).



ACES Booth at 2014 Antenna Measurement Techniques

Association (AMTA) Meeting held during October 2014 in Tucson, Arizona, USA. C.J.Reddy (shown in the picture) represented ACES at the booth.

ACES 2015

The 31st International Review of Progress in Applied Computational Electromagnetics (ACES 2015) will be held in Williamsburg, Virginia from March 22nd to 26th, 2015.

[Call for Papers](#) is available at ACES 2015 website.

Paper submission deadline is extended: **January 5, 2015**

Technical Activities @ ACES 2015

[Keynote Speaker](#): Dr. Uwe Schramm, Chief Technical Officer of Altair.

[Plenary Speakers](#):

Dr. Mohbub Hoque, CERDEC, The US Army

Prof. Manos Tentzeris, Georgia Tech

Prof. Dejan Filipovic, University of Colorado Boulder

Prof. Randy Haupt, Colorado School of Mines

Prof. Alireza Baghai-Wadji, University of Cape Town

Tutorials:

Following tutorials are offered during the conference. Abstracts of tutorials are available [here](#).

- Recent Developments and Trends in Metamaterials - Douglas H. Werner, Penn State University
- Error Estimation in MoM and FEM for Extrapolation and Error Bars - Andrew F. Peterson, Georgia Institute of Technology
- Reflectarray Antennas: Theory, Designs, and Applications - Payam Nayeri, Colorado School of Mines
- Time-Domain Integral Equation Methods for the Solution of Maxwell's Equations - Daniel S. Weile, University of Delaware
- From FETD to DGTD for Computational Electromagnetics - Jian-Ming Jin, University of Illinois at Urbana-Champaign
- Antenna Design using Characteristic Mode Analysis - M.H. Vogel, Altair Engineering, Inc.
- Field and Potential-Based Techniques in Complex Media Electromagnetics - Michael Havrilla, Air Force Institute of Technology
- Computational Modeling of Electromagnetic Pulse Simulators - Shahid Ahmed, Thomas Jefferson National Accelerator Facility
- Quantum Operator Gymnastics in Computational Electromagnetics: An Introduction - Alireza BAGHAI-WADJI, University of Cape Town
- Quantum Operator Gymnastics in Computational

Electromagnetics: Advanced Topics - Alireza BAGHAI-WADJI, University of Cape Town

Vendor Tutorial:

- Advanced Electromagnetic Solution Techniques in FEKO - Altair Engineering, Inc.

Regular and vendor tutorials are free for all registered attendees of ACES 2015 conference.

Student Paper Competition:

ACES 2015 Student Paper Competition Committee will select the top ten (10) student papers submitted for presentation at a Special Student Papers Session. The top five (5) student papers presented at this special session will be announced at the Symposium Banquet. The first, second, third, fourth, and fifth place winners will be awarded cash prizes of \$500, \$400, \$300, \$200, and \$100, respectively.

Students who wish to participate in this competition should check the box for "Student Paper Competition" while submitting their paper on the ACES 2015 Conference site.

Sponsors & Exhibitors:

ACES 2015 is soliciting sponsors and exhibitors for our 2015 event. ACES has grown to nearly 600 members from over 30 countries. Our conference is usually comprised of technical sessions, short courses, vendor workshops, interactive poster sessions and computer software demonstrations, and vendor exhibits. You will find the format of our exhibit show especially designed to maximize your connectivity and minimize your costs. More information on sponsorship and exhibitor opportunities are available [here](#).

Current Sponsors:

Platinum



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Books:

During the conference, SciTech Publishing will be promoting the book - [Antennas Analysis and Design Using FEKO Electromagnetic Simulation Software](#), one of the two books published as part of ACES Series on Computational Electromagnetics and Engineering (CEME). Authors, Prof. Atef Elsherbeni and Dr. C.J. Reddy will be signing the books purchased at ACES 2015. SciTech will be selling the books at an on-site special 20% discounted rate.

Venue:[Williamsburg Lodge](#)

Williamsburg Lodge will be the venue for ACES 2015 conference. A short walk from [Colonial Williamsburg's](#) Historic Area the Williamsburg Lodge is a well known Colonial Williamsburg landmark.

Room reservations at ACES group rate can be made at Williamsburg Lodge (\$135/night) and also at Williamsburg Woodlands Hotels and Suites (\$89/night).

Online Reservations can be made [here](#).

[Williamsburg, Virginia](#)

Williamsburg was the thriving colonial capital of Virginia. From 1699 to 1780, Williamsburg was the political, cultural, and educational center of what was then the largest, most populous, and most influential of the American colonies. Near the end of the Revolutionary War and through the influence of Thomas Jefferson, the seat of government of Virginia was moved up the peninsula to the safer and more centrally located city of Richmond. For nearly a century and a half afterward, Williamsburg was a simple, quiet college town, home of the College of William and Mary.

[ACES Journal](#)

The ACES Journal is devoted to the exchange of information in computational electromagnetics, to the advancement of the state of the art, and to the promotion of related technical activities. The ACES Journal welcomes original, previously unpublished papers, relating to applied computational electromagnetics. All papers are refereed. ACES members can access all issues of ACES journal [on-line](#).

[Read the latest Issue \(November 2014\)](#)

ACES is looking forward to your contributions to the ACES Journal as well as your participation in the ACES 2015 Conference. We look forward to your feedback and involvement in ACES activities.

Sincerely,

Kubilay Sertel
C.J. Reddy
Editors - ACES Newsletter

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