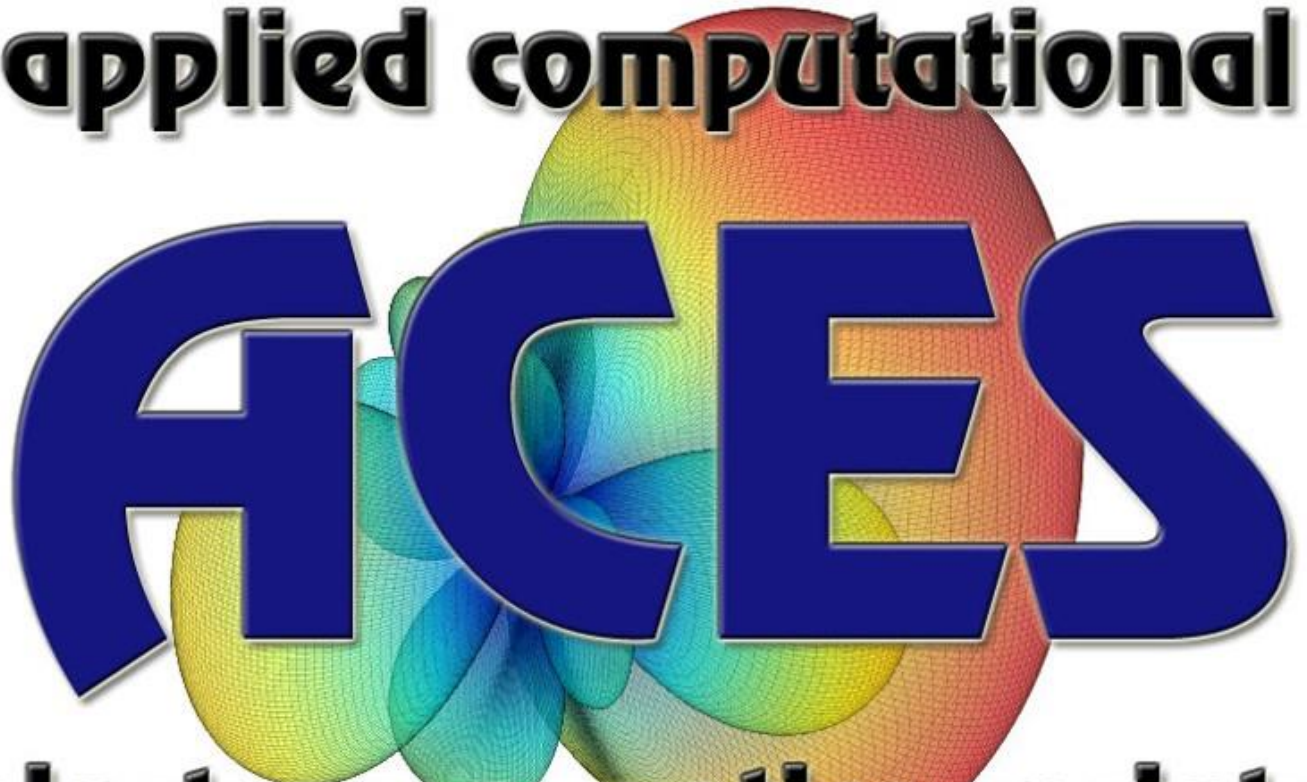


applied computational



ACES

electromagnetics society

Newsletter

September 2018

Applied Computational Electromagnetic Society (ACES)

President's Message



Greetings from Golden Colorado, USA.

Fall already started in the Northern Hemisphere, and here in Golden CO we started to see the beginning of the color season that will peak in October. As for ACES society, activities are also peaking in October. These activities include ACES Fellow nominations and ACES Awards nominations (due end of October 2018).

Looking forward, ACES 2019 will be held at the Hilton Miami, in downtown Miami, Florida, USA (April 14-18, 2019). A call for papers is posted at the ACES website. The conference General Chairs are John Volakis and Osama Mohammed of Florida International University. In addition, ACES 2020 will be held in Monterey California, USA. Further details will be forthcoming in future newsletters.

Finally, as ACES member, I urge you to participate in the society activities. This includes attending and contributing to ACES conferences, getting involved in ACES awards and fellow nominations, as well as contributing to ACES Journal, and actively participating in the journal paper review process.

In closing, I wish you a good and productive 2018 fourth quarter. As always, I am looking forward to seeing you at the next ACES conference, this time in beautiful Miami, Florida.

Abd A. Arkadan,
President-ACES
Professor of Electrical Engineering
Colorado School of Mines
Golden CO, USA

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Become ACES Member

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

Member:

Basic: \$40/year

Student/Retired: \$25/year

Life: \$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](#).

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ACES Conference 2018 in China

The 2018 International Applied Computational Electromagnetics Society Symposium in China (ACES-China 2018), was held from July 29–August 1, 2018, in Beijing, China. The Technical Program was outstanding, thanks to our session organizers and authors coming from all around the world. We had 303 registered conference attendees, 322 excellent papers, and as many as 50 organized sessions, running in 5 parallel sessions over 4 days. We had 8 very entertaining and engaging Plenary Speakers that provided unique perspectives on some of the most interesting and relevant topics for the community, 2 workshops and 1 free tutorial. The social program was exceptional as well, including welcome reception, awards banquet with live entertainment, meals during all conference days, and museum visit. Our Platinum, Gold and Silver Sponsors also made a big difference for the conference. Overall, ACES-China 2018 in Beijing was a great success and a truly memorable experience for all its participants.

The following awards have been assigned:

2018 ACES-China Technical Excellence Award

Zaiping Nie

2018 ACES-China Young Scientist Award

Qingfeng Zhang

Ping Li

Zi He

Wenjie Feng

Nicola Anselmi

Yujian Li

Qiang Ren

Yue Li

2018 ACES-China Best Student Papers

1st Place: A Discontinuous Galerkin Methods for Scattering From IBC Objects

Student Author: Xiao-Wei Huang

Coauthor: Xin-Qing Sheng

2nd Place: FDTD Solver with Time-Domain Perturbation Method for Simulating an All-Optical Switch Realized by Nonlinear Metasurface

Student Author: Xibi Chen

Coauthor: Fan Yang, Maokun Li, and Shenheng Xu

3rd Place: A Flush-mounted Ultra-wideband Scanning Phased Array with End-fire Radiation Pattern

Student Author: Haotian Li

Coauthor: Yikai Chen, Shiwen Yang, Guo Liu, and Shangwei Gao

4th Place: A Retro-Reflective Beamforming Scheme based on Heterodyne Technique for Wireless Power Transmission

Student Author: Han Cheng

Coauthor: Xuemei Cao, Xin Wang, and Mingyu Lu

5th Place: LoRa Indoor Performance: An Office Environment Case Study

Student Author: Thomas Ameloot

Coauthor: Patrick Van Torre and Hendrik Rogier

2018 ACES-China Student Modeling Contest

1st Grade Award

Students: Jihong Gu, Ling Guan, Ying Zhao, and Xuan Li
Nanjing University of Science and Technology

2nd Grade Award

Students: Zhi Rong, Xianjin Li, Muyu Deng, Jingxian Chen, and Min Zhao
University of Electronic Science and Technology of China

2nd Grade Award

Students: Jianzhong Lu, Yan Liu, and Xiaozhou Shang
Beihang University

2nd Grade Award

Students: Yiting Yang, Che Liu, Pengfei Chen, and Yunpeng Chang
Southeast University

3rd Grade Award

Students: Meiping Yu, Mingzhe Bao, Zekang Zhao, and Xiaomin Qiu
Xidian University

3rd Grade Award

Students: Yifan Li, Lu Liu, Chaoqun Fan, Xiangwei Liu, and Yi Zhu
Northwestern Polytechnical University

3rd Grade Award

Students: Shuang Li, Chaoqun Fan, Lu Liu, Xiangwei Liu, and Zeyun Qin
Northwestern Polytechnical University

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. Access all issues of ACES Journal [online](#).

Upcoming ACES Conferences

More information on ACES 2019 conferences can be found on the following conference pages:
[2019 ACES Conference in Miami](#)

The submission deadline for this conference is set to October 30th.

ACES Awards 2019

- ACES Computational Electromagnetics Award
- ACES Technical Achievement Award

- ACES Meritorious Service Award

- ACES Early Career Award

The awards will be given each year at the Awards Banquet at the ACES annual conference. The following is a description of the four awards:

ACES Computational Electromagnetics Award: To honor career achievements and substantial, major contributions in the field of computational electromagnetics.

ACES Technical Achievement Award: To honor one or more demonstrated original technical contributions in the field of applied computational electromagnetics, supported by publications, patents, and other products such as developed computer codes.

ACES Meritorious Service Award: To honor outstanding and dedicated service to ACES over a long period of time. Technical contributions are not a factor in this Award.

ACES Early Career Award: To honor achievements and contributions in the field of computational electromagnetics by a researcher aged 35 years or younger at the time of nomination.

Ground Rules: No more than one recipient of each of the four awards will be selected each year. Nomination forms are available on the ACES web site under the "Elections/Awards" tab. Nominations will be accepted until November 15, 2018. The ACES Awards Committee will select recipients and notify the nominators of the outcome. If no suitable nominations are submitted, the Awards Committee may select recipients from the current ACES membership at their own discretion. Preference for the ACES Computational Electromagnetics Award will be given to ACES members, although it may be awarded to non-members at the Awards Committee's discretion; the other awards are restricted to members of ACES with preference given to individuals who have maintained ACES membership for at least a 5-year period.

Deadline for ACES Awards nominations: November 15, 2018

ACES is looking forward to your contributions to the ACES Journal and the Express Journal as well as your participation in the 2019 Conferences. We look forward to your feedback and involvement in ACES activities.

Sincerely,

Sami Barmada

Editor - ACES Newsletter