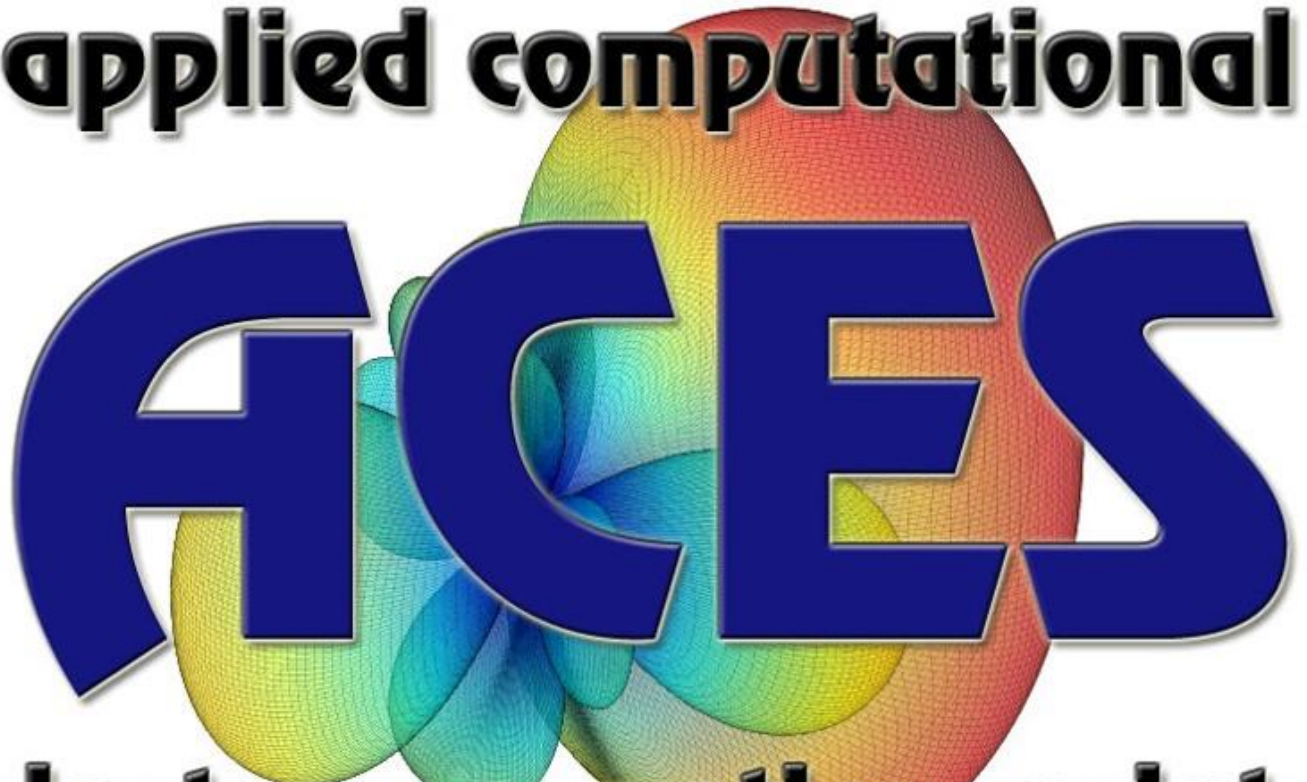


applied computational



ACES

electromagnetics society

Newsletter

September 2020

Applied Computational Electromagnetic Society (ACES)

President's Message



Dear ACES Members and Friends,

On behalf of the Applied Computational Electromagnetics Society, I would like to welcome you to a new edition of our ACES Newsletter!

As newly elected President of ACES, I look forward to working with all of you to keep our society as great as it has always been and even a bit greater as the future brings many challenges and opportunities before us.

ACES is a leading professional society in a broad area of applied computational electromagnetics, aimed at enhancing and promoting research, development, education, training, and outreach in all aspects of electromagnetic methods, designs, and applications. We are at the forefront of discovery and practice in advanced computational electromagnetic methodologies and techniques, in new designs of antennas and RF, microwave, and wireless structures and systems, and in cutting-edge modeling and applications of electromagnetic devices and fields.

Our two main signatures are ACES International Conferences and ACES Journal, and I am soliciting every possible help and engagement, as well as ideas and suggestions, from all of you to make our conferences and publications even stronger and more impactful in the near future.

As we move forward, I am excited to work with the Board of Directors and with ACES members and friends to involve more delegates and authors from industry. Bringing together academia and industry is key for further advancement of applied computational electromagnetics and of ACES.

Likewise, I look forward to increasing ACES student membership and to expanding our student centered activities and objectives. Indeed, among our sister societies and organizations, ACES is the only society having "Electromagnetics" in its name. Hence, I see ACES as steward of electromagnetics education, training, and professional development at all levels.

To achieve our common goals, I am eager to enrich collaborations with our sister societies and organizations to the benefit of our memberships and the profession.

Please send me your ideas, suggestions, concerns, and questions on any aspect of ACES life, goals, activities, and organization. Please let me know if you would like to volunteer your time and enthusiasm to advance our society and profession.

Branislav M. Notaros
President, ACES
Professor, Colorado State University
Fort Collins, Colorado, USA

In This Issue

[President's Message](#)
[ACES Conference in Monterey](#)
[ACES Journal](#)

Become ACES Member

ACES membership offers many advantages that include discounted ACES Journal and conference registration fees.

Member:

Basic: \$40/year
Student/Retired: \$25/year
Life: \$400

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](#).

**Join ACES Group on
LinkedIn**



[ACES 2020 Virtual Conference, July 27 – 31 2020](#)

The COVID-19 pandemic all around the world has changed our lives, and has changed (maybe for good) the way we work, reducing the time we spend in our workplaces and the way we interact face to face with people.

Most of the conferences scheduled for year 2020 have been either cancelled, postponed or transformed into virtual events.

We are convinced that the true added value of a conference is meeting colleagues, have face to face ideas exchanges, ask questions during the Q&A time after a presentation, start cooperation, spend time together during coffee breaks or lunches.... We could enumerate many more activities that we usually perform during a conference, and they all concur to the definition of a conference as a fruitful event.

A virtual event could never give us such benefits, and it is a downgraded experience if compared to a real event.

However, conferences are one of the easiest way we, researchers, learn what other colleagues do and show what we do to others; consequently, virtual conferences are absolutely better than no conferences at all.

For this reason, we decided to transform ACES 2020 in Monterey into a virtual event, and the following rules have been applied:

- Only accepted papers associated with submitted presentation slides are prepared for publication at IEEE Xplore.
- All accepted 2-page papers that are presented virtually and included in ACES 2020 conference program will be published in a special issue of the ACES Journal (the publication fee of \$300 per paper will be waived).
- All paid conference registrants will be qualified for a one-time \$150 credit towards the registration for ACES 2021 or ACES 2022 conferences.

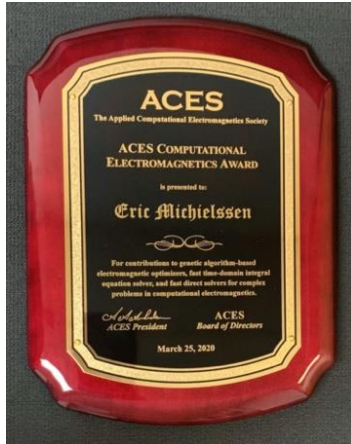
These rules are the result of a long work performed by all the persons involved in the ACES 2020 organization, and offer the registrants a set of benefits that can be hardly found in other conferences.

In addition, all the presentations are still available on the conference website and available to everyone interested: please feel free of enjoying the content: [Link to the ACES 2020 Virtual Conference](#)

A noteworthy event of any ACES conference is the conference banquet before the last conference day. This is the time when the Awards committee announces the yearly awards recipients, and when the Fellow committee announces the new ACES fellows. The recipients come on-stage, receive a well-deserved round of applause and make a speech.

Of course, no awards have been personally delivered to the recipients in 2020, and plans are underway to present these awards along with the new awards during the coming 2021 ACES Conference.

ACES 2020 Awards



ACES Computational Electromagnetics Award
Eric Michielssen, "For contributions to genetic algorithm-based electromagnetic optimizers, fast time-domain integral equation solver, and fast direct solvers for complex problems in computational electromagnetics."



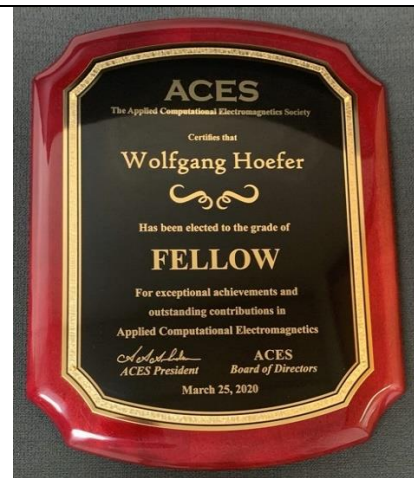
ACES Early Career Award
Su Yan, "For contributions to linear and nonlinear electromagnetic and multiphysics modeling and simulation methods"



ACES Technical Achievement Award
Ulrich Jakobus, "For contribution to hybrid methodologies and integration for structures of different electrical dimension"

Do not hesitate to nominate your meritorious colleagues for our prestigious awards: nominations are done annually on the ACES website and an announcement for the deadline is going to be sent soon to the ACES members.

New elevated ACES FELLOWS



Dr. Wolfgang J. R. Hoefler
Professor Emeritus
University of Victoria, Canada



Prof. Yingsong Li
Harbin Engineering University, China

ACES Fellows are selected by the fellow committee amongst the nominees, which should be outstanding researchers in the area of Computational Electromagnetics. If you think one of your colleagues deserves such recognition, nominate him for ACES Fellow.

[ACES Journal](#)

Latest issues

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](#).

[Direct link to the May issue](#)

[Direct link to the June issue](#)

[Direct link to the July issue](#)

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

Sincerely,

Sami Barmada

Editor - ACES Newsletter