Dear fellow members,

Another year is ending, and we are once again looking towards a new year! Where does the time go? My thanks to all of you for lending your support throughout a year of change both good and bad. Keep your support and comments coming!

The above quote captures 2019 in a nutshell. At different times throughout the year it often felt that the mountain was steep, and forest was thick. It was not always clear that our goals would be achieved. None the less, we kept our eye on the goal, and with the support of our members, we finished the race were able to persist and succeed on many issues.

To begin we had a very successful Future City Event, that is an event the Section is committed to, and increases awareness of Engineering among High School students. Through the year I received several positive feedbacks to my suggestion to including Computer Organization as part of Freshman/Software curricula. To this date I am aware of at least one CS school giving serious consideration to include such course as optative to their students.
The Philadelphia Section Awards Banquet gave us the opportunity to recognize outstanding engineers in our area. We are working very hard in improving the candidate selection and nomination process to make our 2020 event a greater success. If you or someone you know is worth recognizing, please be on the look for the 2020 nomination announcement.

Next year we will continue our participation in the Congressional Visitation Days in Washington, DC. This is a very important event and an incredible experience to understand and interact with the US Congress. This is an event organized by the IEEE-USA Government Relations organization.

On December 4, 2019 we will remember 6 months of Alene Ammond, Harold’s wife passing away, she will be remembered as the New Jersey state senator representing Cherry Hill during the 1970s who famously challenged her Democratic Party colleagues in federal court when they ostracized her for speaking publicly about closed-door dealings. Alene was also a featured speaker during our Awards Banquet just a few years ago.

On a positive note, another success story is the successful closure of the contract with our office. After much negotiation this new contract was finally approved and will be very beneficial to our Section. Kudos to all the ADCOM members that spend countless hours and weeks making this happen.

I want to welcome the new generation of volunteers that are now part of the ADCOM, we now have the highest number of young volunteers in years.

And now, 2019 comes to a close. We have victories to celebrate, but we also have critical issues that lie ahead. As we head into 2019, I ask that you continue to support our Section and increase the number of members. Many student members need to continue their membership after graduation. IEEE offers many opportunities to help you in professional growth through networking and education. And remember, the best race is yet to be won!
WHAT'S INSIDE THIS ISSUE:

- Upcoming Events
- ACE Mentor Program
- ITC

QUICK LINKS:

- IEEE Philadelphia Website
- IEEE Philadelphia Facebook
- IEEE Philadelphia Instagram

UPCOMING EVENTS

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The 2019 IEEE Signal Processing in Medicine and Biology Symposium

REGISTER NOW
Founded in 1994, the ACE Mentor Program of America (ACE) is a free, award-winning, afterschool program designed to attract high school students into pursuing careers in the Architecture, Construction and Engineering industry, including skilled trades. ACE is a federation of more than 70 affiliates (chapters), operating in 37 states and largely based in metropolitan areas, which deliver the program. A national office coordinates and assists affiliates.
International Test Conference is the world’s premier venue dedicated to the electronic test of devices, boards, and systems—covering the complete cycle from design verification, design-for-test, design-for-manufacturing, silicon debug, manufacturing test, system test, diagnosis, reliability and failure analysis, and back to process and design improvement.

ITC 2020 starts the second half century of the conference. Emerging technologies such as optical, biomedical, and quantum devices will require new test solutions. Artificial Intelligence (AI) and the need for trustworthy devices are providing both new challenges and new opportunities for off-chip and on-chip test. At the same time, more stringent quality requirements, especially in automotive applications, are requiring more efficient test, debug, monitoring, and repair techniques that can transfer to the field.

Authors are invited to submit original, unpublished papers describing recent work in the field of test and design. Of particular interest are works dedicated to the topics listed on the right and/or works related to the conference theme and/or works focused on special tracks such as Automotive, AI, or Security. Authors are also invited to submit practical, industry best practices papers. Submissions simultaneously under review or accepted by another conference, symposium or journal, will be summarily rejected.

Submissions must include:
- Title of paper.
- Name, affiliation, e-mail address of each author.
- The corresponding author(s). ITC will communicate with the corresponding author(s).
- One or two topic(s) from the topic list, or a description of your topic.
- An electronic copy of a complete paper up to 10 pages, or an extended summary up to six pages. Submissions less than four pages are rarely accepted.
- An abstract of 35 words or less to be entered online.

ITC maintains a competitive selection process for technical papers. Submissions must clearly describe the status of the reported work, its contribution, novelty and/or significance. Supporting data, results (priority is often given to papers with results from real designs) and conclusions, and references to prior work must also be included. ITC does not accept submissions that do not meet the specified criteria.

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<td>April 3, 2020</td>
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<td>Final manuscript due:</td>
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Authors are also invited to submit a single-page poster proposal. Posters are a useful way of presenting late-breaking results, getting feedback on an innovative method, or participating without having to write a full paper. Acceptance as a poster does not preclude submission of a more complete work as an ITC paper in 2019. Additional information on poster abstracts and submissions can be found under the author link on the program web site.

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<th>Poster submission deadline:</th>
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<td>Author notification:</td>
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Test Week tutorial and workshop proposals are also welcomed. Deadlines and other information about proposals can be obtained from TTTC at: [http://ttc.computer.org/ tttc](http://ttc.computer.org/ tttc)

For detailed information about the submission process, requirements and deadlines, the selection process and any other questions regarding the program itself or contact information, please consult the ITC website at [http://www.itc.testweek.org](http://www.itc.testweek.org)
Future City Contest Needs Judges
By Peter Silverberg

The section sponsors an award at the Future Cities competition. We send judges to walk around the tables and eventually determine a winner. It consumes only half a Saturday. The section has over 3600 members and yet seems to only send two judges a year. We can do much better than Barney Adler and me. These are middle school kids. Even our student chapter members can make adequate decisions. Don’t think you are too young to help. Now for details of what is involved.

Time and place:
January 18, 2020  approximately 8 am to noon.
Competition Location:
Archbishop Carroll HS
211 Matsonford Road
Radnor, PA 19087

Volunteer Link:
Futurecityphilly.org

WHAT IS FUTURE CITY

The mission of the DiscoverE Future City Competition is to provide a fun and exciting educational engineering program for middle school students that combines a stimulating engineering challenge with a "hands-on" application to present their vision of a city of the future.

The Philadelphia Regional Future City Competition is a 501.c.3 educational outreach program of DiscoverE. We are one of 39 regional programs conducted throughout the country with the goal to introduce middle school students to the engineering profession. The Future City Program continues to be on the National Association of Secondary School Principals' National Advisory List of Student Contests and Activities.

The Philadelphia Regional Competition draws schools from Philadelphia and surrounding counties including the Lehigh Valley, Southern New Jersey and Delaware. Students from middle schools and after school programs in the region form teams consisting of 6th, 7th, and 8th grade students who work with a teacher and an engineer mentor from September to January.
IEEE PHILADELPHIA SECTION OFFICERS

Chair: Emilio M. Salgueiro: emiliosalgueiro@ieee.org
Vice Chair: Mark Soffa: msoffa@kns.com
Treasurer: Robert Johnston: rlj1620@gmail.com
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IEEE Philadelphia Section Main Office
Bala Pointe Centre, c/o Greater Philadelphia Association Management Group
111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 1904, Phone: 484.270.5136
SEC.PHILADELPHIA@IEEE.ORG

ADMINISTRATIVE COMMITTEE (ADCOM)

ADCOM meets the second Tuesday of the month at the Sheraton University City, 3549 Chestnut St,
Philadelphia, PA 19104. Members are welcome to attend. If you want to attend, reserve a seat by calling the
IEEE Section Office by the Friday before the meeting.

ALMANACK STAFF

Publisher: Emilio M. Salgueiro: emiliosalgueiro@ieee.org
Editor: Peter Silverberg: psilverberg3@comcast.net (For Advertisement in the Issue, Please Contact Peter)
News and notices contact: psilverberg3@comcast.net
Assistant Editor: Zizi Eigamal: Zizi.Elgamal@ieee.org
Have a Spectacular Year Ahead!