

Dear IEEE Eastern North Carolina Section colleague!

With the summer coming to an end, we have just experienced a very nice social event at the Durham Bulls stadium. Great food, perfect weather, and a good game. It was a pleasure to interact with many of our members. Thanks Steve Munie for organizing this.



All Things Open is coming up next month and they are offering a special deal for IEEE members. See more information about that on page 2.

Our elections will come soon and more will be shared in the next few weeks.

Finally, the approaching storm is on everyone's mind. IEEE MOVE is on alert and IEEE volunteers are ready to help. I hope everyone stays safe during this time.

Matt Horner
IEEE ENCS Chair

MOVE Volunteers and Donations Needed for Hurricane Dorian



As of September 3rd, MOVE Community Outreach has deployed to Orlando in response to Hurricane Dorian. All MOVE volunteers trained in Red Cross DST 101 who are available to help: email your Red Cross number and availability to [Mary Ellen Randall](#).

“Although the storm category has been recently decreasing, there is a tremendous amount of water in this storm and there is the chance of very significant flooding along the eastern US coast from this storm, including NC. As the storm moves north, MOVE will likely be moved northward in response. Please [help us with a donation](#) so we can be where needed.” – *Mary Ellen Randall, Program Director*

[Learn how to become a MOVE volunteer](#)

Upcoming Events

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| 18 Sep 2019 06:00 PM | ENCS ExCom : RM 1101, Partners I NCSU Centennial
1017 Main Campus Dr. Raleigh |
| 27 Sep 2019 11:30 PM | Design and Control of Hybrid Active Power Filters for Power Quality Compensation : RM 2040, Engineering Bldg 2 890 Oval Drive Raleigh |
| 07 Oct 2019 06:30 PM | UNC Computational Robotics Research Group Highlights By Dr. Ron Alterovitz : Eastern North Carolina Sec Chap, RA24 |
| 13-15 Oct 2019 | All Things Open (20% Discount for IEEE members) : Raleigh Convention Center (R13) 500 S Salisbury St |
| 04 Nov 2019 06:30 PM | Augmented Reality Benefiting Medical Domains - InnerOptic Demo By Dr. Luv Kohli : Eastern North Carolina Sec Chap, RA24 |
| 13 Nov 2019 06:00 PM | ENCS ExCom : RM 1101, Partners I NCSU Centennial
1017 Main Campus Dr. Raleigh |
| 05 Dec 2019 06:00 PM | ENCS Awards Banquet 2019 |

Summer Social a Success [Steve Munie]



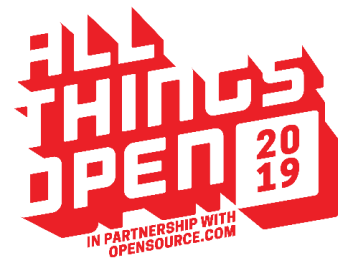
To all those who attended our Summer Social, thank you for making it a success. We had great weather, a bird's eye view of the field, comfortable seating in the Volt Doctor Party Deck, and good food. On top of that, the Bulls won with the winning point scored in the 9th inning. With an early 5 - 0 lead, the score was tied by the middle of the game. For those watching the game, it was a bit of a nail biter.

For those staying to the very end, there was a long fireworks display. Thanks again to all who attended and made our 2019 Summer Social a success. [See more photos](#) on the ENCS website.



5,000 Attendees Expected at All Things Open 2019

In the third week of October, Raleigh Convention Center will host [All Things Open 2019](#). This will be the seventh year for this annual technology convention. Over 240 sessions will be offered, split across tracks such as Big Data, Blockchain, Devops, Linux, Mobile Developer, Security, UI/UX/Design, Cloud, and Databases (see the [full list here](#)). These talks will be focused on education with an emphasis on understanding open source technologies and methodologies. See [6 Reasons You Should Attend ATO 2019](#) for more details.



IEEE ENCS appreciates the significance of open source technology. We will be present in support of ATO. Information about IEEE community volunteer projects, SoutheastCon 2020, and technical papers will be available.

The cost to attend varies depending on how early you register and which days you plan to attend. If you register during the month of September, the base price is \$149 per day or \$199 for both days. This includes access to all programming, networking socials, and lunch. A 20% discount is offered to IEEE members with discount code [IEEE20]. Student tickets cost less than \$40 per day after the discount.

Get Involved with Our Section



The [upcoming ExCom meeting](#) on September 18th is a great opportunity to learn about ENCS. You will get out of your IEEE experience what you put into it. We encourage members of all backgrounds, skillsets, interests, and level of availability to contribute. The mission statement of IEEE is to “foster technological innovation and excellence for the benefit of humanity.” Let’s work together to make some real change in our communities.

SoutheastCon is Coming! [Charles J. Lord, PE]

By now you should have started hearing about this “SoutheastCon” thing coming to our section—and you will hear a lot more about it in the next six months. But what *is* IEEE SoutheastCon 2020? And why is it important to all of us in the IEEE Eastern NC Section?

SoutheastCon is the annual regional conference for IEEE Region 3 (Southeastern US and Jamaica). It consists of three conferences in one: A major paper conference of over 200 refereed research papers in a diverse collection of topics; a major student conference attended by approximately 400 students and advisors from over 60 colleges and universities across the southeast; and the annual meeting of the leaders from the over 40 local sections (such as ours). Added to our conference in 2020 will be a two-day industry conference that will cover topics in robotics, AI, embedded systems, Internet of Things, and cybersecurity! This conference will bring close to 1000 engineers, researchers, and students to the Raleigh Civic Center March 12-15. And we are the hosts for all those great folks!

And this is where you and I come in... this conference has been hosted by local sections in the region each year since 1965. Our section hosted it in 1975, 1985, and 1995—but not for the last 25 years(!). It is our time again! And there is a lot for us to do.

We have a core team in place to get this process started and they are working hard to get things going but we need more of our roughly 3000 members to get involved. There are opportunities for people who want to take leadership positions in key areas as well as things that can be done with a minimum of time and effort. Key areas that we need help with at the moment are: Logistics, sponsors and exhibits, volunteer coordination, and help with putting together the industry event. But there are smaller jobs we can use help with—can you give us a hand? We are in the heart of the land of Southern Hospitality—let’s be great hosts and chip in together to make IEEE SoutheastCon 2020 in Raleigh a rousing and **FUN** success! If you are interested in helping out in any fashion, please feel free to drop me a note at c.j.lord@ieee.org. I will get you in touch with the proper folks in our team and we will make this great event happen. I look forward to hearing from you!

Charles J. Lord, PE

IEEE SoutheastCon 2020 Co-chair, 2017 Chair, 1995 Chair / Past Chair, ENCS