



# Newsletter



## June 2018

### IEEE ENCS Picnic

Dear IEEE Eastern North Carolina Section colleague, it is my pleasure to invite you to our section summer social event on **7/21**. We have made reservations at Umstead Park and plan for a fun afternoon with activities, fellowship, the MOVE truck, Ken the humanoid robot, and not to forget the food.

We are at the large shelter at the Reedy Creek Entrance (1800 N. Harrison Ave. Cary, NC 27513). Details will be posted and updated as planning progresses on vTools.

Please register at <https://meetings.vtools.ieee.org/m/173896>.

P.S. volunteer opportunities still exist for this event.



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### North Carolina State Government tour.

Another section event is a visit to NC state government. The office of the Lieutenant Governor gives us a tour on **7/11** starting at 3pm where we get to learn about their work environment and later have the opportunity to attend a legislative session. Please check it out at <https://meetings.vtools.ieee.org/m/173706>.

### Cybersecurity Conference Raleigh 26 July 2018

The Eastern North Carolina Section will be a cosponsor of the Cybersecurity Conference Raleigh **7/26** 2018 and have a booth there. IEEE members can attend for free by registering for a VIP pass through the following link: <https://raleighcybersecurity2018.eventbrite.com/?aff=IEEE>.

### Young Professionals (YP)

The Young Professionals are active with social and professional meetings. A heads-up on plans:

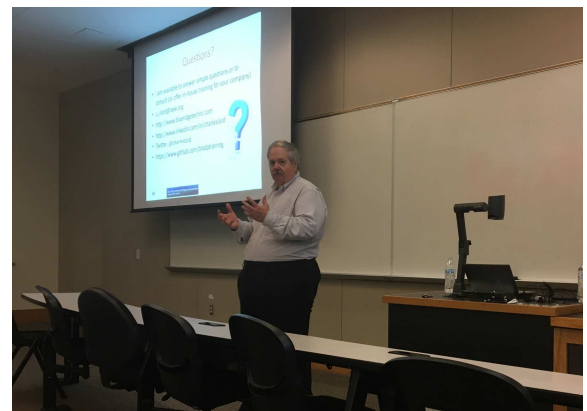
In the September time frame, YP plans a career development event. This is still in the early planning stages. Stay tuned.

### Power and Energy / Industry Applications

The joint PES/IAS chapter has scheduled a tour to the Duke Energy solar farm in Elm City on **7/19**. Details at <https://meetings.vtools.ieee.org/m/173539>.

### Signal Processing (SPS)

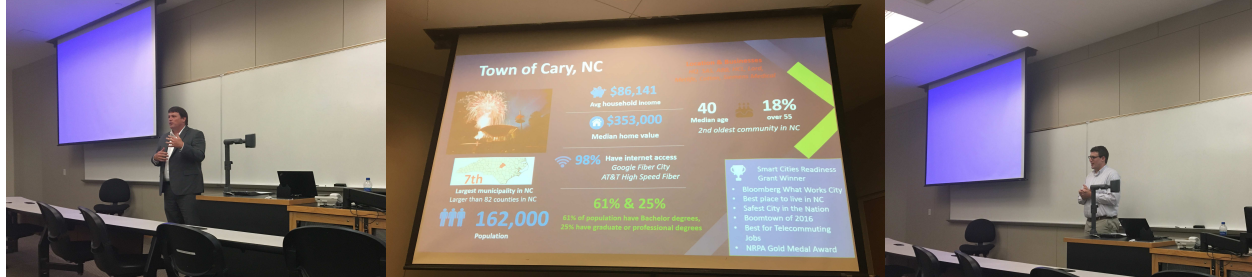
On 5/29, Charles Lord, the chair of the IEEE North Carolina Council, gave a talk on digital filtering with arm cortex processors. He will follow up with a second talk in fall.



## Robotics and Automation

The R&A chapter is the most active group in our section. During their weekly meeting they work on the humanoid project. Pictures are at <http://sites.ieee.org/encs/ra>.

R&A has also hosted a meeting where the City of Cary Smart City project was introduced. This was a very popular event. As a result of this talk there are opportunities for interested people to participate in shaping the Smart City initiative.



## Sensor equipped cyber cockroaches

Jeremy Cole Biobots related NC state research group project on 7/2.

<https://meetings.vtools.ieee.org/m/174086>.

## IEEE-USA

The [2018 IEEE-USA Future Leaders Forum](#) is less than two months away and here are the details!

When: 26-28 July 2018

The University of Texas at Austin

Website: <https://futureleaders.ieeeusa.org>

- Programming** - In addition to inspiring speakers (e.g. Steve Sasson, Larry Hornbeck) and four interactive panels (LEAD, EMPOWER, ADAPT, and DESIGN), we will also have a variety of sessions that should be of great value as attendees seeking to sharpen their leadership skills and empower themselves to be valuable assets to any employer (e.g. Steve Skarkes' Leadership session and Christiane Michaelis' "Thinking outside the Box" session).
- Activities/Fun** - And, as in our first Future Leaders Forum, we will have fun evening activities (the Bullock State History Museum, Scholz Garten) and interactive sessions (Improv, Battledecks, Chef Patrick Stark Keynote Performance). - *See attached flyer*
- Just Added!** The IEEE Young Professionals are sponsoring **Brand Center**, where attendees can gain the tools to improve their brand and sell themselves - Activities will include interviewing skills and practice, elevator pitch advice, and much more. As a bonus, we will also have a professional photographer on site taking headshots/profile pictures!
- Audience** - This event should be of interest to anyone (young professionals/students all the way thru mid-career) looking to hone their leadership skills to connect and thrive in today's workforce and beyond.

### Patron Opportunities

IEEE is looking for patrons to help in our mission to assist our attendees to become more agile in order to succeed in today's volatile, uncertain, complex, and ambiguous environment.

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