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## IEEE Baltimore Section 'Watts New' Newsletter: October 2017 'Multiplexing the Signals of the Monumental City'

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### Meet the 2018 Officer Nominees for IEEE [\(Back to Top\)](#) Baltimore Section

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David Kisak, Chair of Officer Nominations

Members,

The IEEE Baltimore Section is proud to introduce the Officer Nominees for 2018.

Chair: Sherwood Olson  
Vice Chair: Danial White  
Treasurer: Kenneth Wong  
Secretary: Farhat Shaw

Online voting will begin November 1st and will continue to be available until December 11th.

Please keep an eye out for the special nominee newsletter with brief biographies of each nominee.

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### **Electric League of Maryland Annual Bull Roast**

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When:

Saturday, November 4th, 2017 from 7:00 pm to 11:00 pm.

The Electric League of Maryland invites you to attend the 27th Bull, Shrimp and Oyster Roast at Rosedale Gardens, [8037 Philadelphia Road, Rosedale, MD 21237](#). Enjoy music from a live band, door prizes, chance auction, raffles and more!

For more information: <http://elmd.org/>

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### **Mark Your Calendars for Engineers Week 2018**

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When:

February 18th - 24th, 2018

What is Engineers Week?  
Engineers Week--the only event of its

Thank you for your support of the IEEE and the IEEE Baltimore Sections!

Best Regards,  
David Kisak  
Chair of Officer Nominations

[IEEE Baltimore Site](#)

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### **IEEE Woman-in-Engineering Forum USA East** [\(Back to Top\)](#)

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IEEE Women In Engineering Affiliate Group

Final announcement: Sunday, October 1st, 2017

Forum dates: Thursday, November 30 to Saturday, December 2, 2017

IEEE Women-In-Engineering society is asking members to submit papers &/or participate in presentations discussing the following topic areas:

- Mentoring the next generation of female leaders
- Strategies for increasing equity in power and decision making
- Women as leaders in education, industry, and government
- Development: communication skills in written and spoken word, effective dialog
- Cross-cultural aspects of leadership
- What it takes to be a great leader – qualities that all successful leaders share
- Shaping the future by female leaders
- Training vs inherent skills: can leadership be learned?
- Work-Life balance: family systems traditions and changes
- Leadership development for women: overcoming stereotypes
- The design, implementation, and evaluation of leadership from a structural perspective
- Helping girls and young women become leaders – motivating to empower - empowering to motivate
- Exploring the attrition gap – why do women leave the engineering field and what can be done to prevent it.

kind--is a time to:

- Celebrate how engineers make a difference in our world
- Increase public dialogue about the need for engineers
- Bring engineering to life for kids, educators, and parents

Learn more here:

<https://www.discovere.org/our-programs/engineers-week>

### Contact Details

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National Electronics Museum  
1745 W Nursery Rd  
Linthicum, MD 21090

[r.klein.us@ieee.org](mailto:r.klein.us@ieee.org)  
<http://sites.ieee.org/baltimore/>  
<http://ewh.ieee.org/r2/baltimore/>

[Read More](#)

## Medium Voltage Cables and Accessories [\(Back to Top\)](#)

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IEEE Baltimore Section - Industry Application Society

When:

Wednesday, October 18th  
6:00 – 7:00 Social Hour / Open Bar  
7:00 – 8:00 Dinner  
8:00 – 9:00 Program  
9:00 – 9:30 Follow-up / Social

Where:

Olive Grove Restaurant,  
705 N. Hammonds Ferry Road,  
Linthicum Heights, MD 21090

Abstract:

Provide an overview of the current Medium Voltage cable constructions, insulation types, shield and or neutral types (MV / URD ), overall jacket materials and of course, conductor materials . Provide a comprehensive review of the latest industry standards (IEEE, AEIC etc ) and designations. Temperature ratings (MV 105...) and associated application. As time allows: Provide a basic overview on medium voltage cable accessories for terminating, splicing, sectionalizing, and protection of cable systems.

Speaker: Tara Parker - Application Engineer, Prysmian Group  
Ms. Parker served in the United States Navy for 9 years a Electrician Mate, maintaining electrical systems for 1 of 2 nuclear propulsion plants onboard the USS George H.W. Bush, CVN-77. She has since had over 10 years experience in the electrical industry and graduated from Southern Illinois University.

[Register Here](#)

## Aerial Photographing the Mid-Atlantic Region [\(Back to Top\)](#)

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IEEE Baltimore Section Communications Society  
Steven D'Ambrosio, Secretary, Baltimore ComSoc

**When:**

Tuesday, October 17th, 2017  
5:30 PM to 7:00 PM

**Where:**

[1745 W. Nursery Road](#)  
[Linthicum, Maryland](#)  
[United States 21090](#)

Building: National Electronics Museum  
Room Number: Pioneer Hall

**Abstract:**

Peter Stern will show images and discuss flying, art, and the regional environment of the Mid-Atlantic. He will also share his thoughts on how his career making exhibitions for the National Air & Space Museum has helped shape and informed his vision, his motivation, and the direction of his work.

**Speaker: Peter Stern**

Mr. Stern is a pilot from Baltimore with a background in both photography and oil painting. Mr. Stern flies his own light aircraft, seeking out unusual and intriguing landscapes to capture with his digital camera. His use of color, form, texture and light with minimal reference to scale in his compositions, create an illusion of paintings upon the landscapes on the Earth below.

For more information please visit the event's page or contact Steven D'Ambrosio at [steven.dambrosio@jhuapl.edu](mailto:steven.dambrosio@jhuapl.edu)

[Register Here](#)

**Military Communications Conference  
(MILCOM) 2017**

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IEEE Communications Society & AFCEA

**When:**

Monday, October 23rd to Wednesday, October 25th, 2017

**Where:**

Baltimore Convention Center  
One West Pratt Street  
Baltimore, Maryland 21201

**Abstract:**

At MILCOM, global military communications professionals face command, control, communications, computing, intelligence, surveillance and reconnaissance (C4ISR) challenges head on. They look at them from every angle and discuss them from end to end – research and development through future needs. The conference allows industry the opportunity to hear and understand the requirements, pace of change and state of play in a variety of C4ISR markets serving the military, federal agencies and multinational entities.

[Event Page](#)

**IEEE International Conference on  
Rebooting Computing**

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IEEE Rebooting Computing

**When:**

November 8th-9th, 2017

**Where:**

The Ritz-Carlton Hotel  
[1700 Tysons Boulevard](#)  
[McLean, VA 22102](#)

**Abstract:**

The goal of the 2nd IEEE International Conference on Rebooting Computing is to discover and foster novel methodologies to reinvent computing technology, including new materials and physics, devices and circuits, system and network architectures, and algorithms and software. The conference seeks input from a broad technical community, with emphasis on all aspects of the computing stack.

Attendees will have the opportunity to listen to a special evening panel discussion on AI, Cognitive Information Processing, and Rebooting Computing: When will the new Sheriff come to Tame the Wild, Wild West? The discussion will host Dr. David Mountain as he discusses how the lack of guidelines & clear goals have created a

wild-west in the neuromorphic computing for augmented intelligence. The speaker will explain how certain established guidelines could work to tame the lawless territory.

Other sessions will include a discussion on Future Electronic Design Automation (EDA), where the speakers will discuss EDA challenges and approaches in several emerging computing fields.

For more information click the find out more link below.

[Find Out More](#)

## **CyCon U.S. - International Conference on Cyber Conflict 2017** [\(Back to Top\)](#)

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The Army Cyber Institute at West Point, CCDCOE & IEEE Computer Society

**When:**

Tuesday, November 7th to Wednesday, November 8th, 2017

**Where:**

Ronald Reagan Building & International Trade Center  
[1300 Pennsylvania Ave NW,](#)  
[Washington, DC 20004](#)

**Abstract:**

CyCon U.S. seeks technical, legal, political, military, and economic positions and research related to The Future of Cyber Conflict in the following areas:

- Cyber Diplomacy
- Cybersecurity strategies and policies
- Military strategy and doctrine
- Government, industry, and academia cooperation
- Cyber workforce development and readiness
- Best practices in cyber education and more!

Please contact Paul Maxwell with US Army Cyber Institute at [paul.maxwell@usma.edu](mailto:paul.maxwell@usma.edu)

[Find Out More](#)

## **Synergistic Buildings in the Era of IoT** [\(Back to Top\)](#)

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Illuminating Engineering Society Baltimore Section

When:

Thursday, October 17th, 2017

12:00 PM

Abstract:

Illuminating Engineering Society will be hosting a educational webinar on how to interconnect concepts of synergistic systems through IoT connectivity within the built world. Attendees will gain the conversational understanding of technological and market forces required to design and implement a practical information based building solution.

1 IES Continuing education credit will be available to all participants.

[Read More & Register Here](#)

## **IEEE Baltimore Continuing Education Ideas** [\(Back to Top\)](#)

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IEEE Chair Continuing Electrical Engineering Education, Boris Gramatikov

If you have any suggestions for course material please contact our director for Continuing EE Education (CEEE), Boris Gramatikov ([bgramat@jhmi.edu](mailto:bgramat@jhmi.edu)).

The Continuing Education group encourages professional development by offering presentations that foster the sharing of knowledge and experience. Presentations also provide networking opportunities for members as well as professional development hours vital to career advancement. While attending discussions can help one with career goals, leading the discussion will inspire confidence in the presented material and strengthen public speaking skills.

[Learn More](#)

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**Institute for Electronics and Electrical Engineers - Baltimore Section - 'Watts New' Newsletter**

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