Student Paper Competition

Speaker: Students from Hampton University, Norfolk State University, Old Dominion University, ECPI, Christopher Newport University

Date/Time: Thursday, November 8, 2012 6:00 PM - 9:00 PM
Location: Norfolk State University
William P. Robinson’s Technology Center (Rm. 136)
At corner of Park Avenue and Corprew Avenue
Norfolk, VA 23606

Meal Cost: Members $20 and guests; Students $5; and Student non-members $10
Presentation: Free

Abstract: The Hampton Roads Section will be sponsoring the 2012 Annual Student Paper Presentations. Students from local colleges are invited to present topics on research and innovations. Prizes will be awarded to the three best presentations. Faculty and guests are welcomed to attend. Come hear what our college engineers are researching today.

Reservations:
• vtools: https://meetings.vtools.ieee.org/meeting_view/list_meeting/13257
• Mike Cooper at officers-r3-hamptonroads@ieee.org or William LaBelle +1 757 619 9050.

Checks: Checks should be made out to IEEE and brought to the meeting.

Directions: See page 3

Antenna Platform analysis of EMI impacts

Date/Time: Thursday, December 5, 2012 6:00 PM - 9:00 PM
Location: Norfolk State University
Granby High School WIE

Meal Cost: Members $20 and guests; Students $5; and Student non-members $10
Presentation: Free

Reservations:
• vtools: https://meetings.vtools.ieee.org/meeting_view/list_meeting/13817
• Mike Cooper at officers-r3-hamptonroads@ieee.org or William LaBelle +1 757 619 9050.

Checks: Checks should be made out to IEEE and brought to the meeting. Visit the vtools reservation for more information.
From the Chair

Greetings Colleagues,

This is my last newsletter input as your Section Chair. It has been a year full of growth and professional development for me, and I extend deep gratitude to the ExCom for the many hours they have given this year to execute a successful program year. This role significantly enriched my professional network, and strengthened my confidence. I encourage all members to participate in at least one locally organized activity each year. Come out and meet your ExCom, attend Section activities and consider offering your talent to improve our Section. Remember, you do not need to be an elected officer to make a contribution. It can be as easy as helping to organize one event each year, or presenting a topic to the group. While I may not be as prominent as I prepare for P.E., I will continue to volunteer and support the Section to increase the positive momentum we have in the local community.

The November Technical meeting will be on the 8th of November, hosted by NSU. It is the Annual Student Presentations. All students who intend to participate should submit their papers to both jennifer.ammentorp@ieee.org and riedl@cnu.edu so we can distribute them to the panel for scoring.

Scoring criteria can be found at http://www.ewh.ieee.org/r3/hampton_roads/students/guidelines.html this year the winners will be announced at the Awards Banquet the following week. Early registration for the Awards Banquet closes soon, and seating is limited. Also, the HR-PES Chapter is organizing a daytime tour of Surry Nuclear Power Plant on Dec 5th, open to U.S. citizen members. Please contact lloydeley88@gmail.com for more details if you are interested. Limited seating on these tours, but don't worry; another trip is planned for next Spring.

Recently the Section partnered with Hampton University in a WIE K-12 Outreach at Granby High School in Norfolk. Nine 9th Grade young women attended the session to learn more about STEM Careers and how to start planning their course now to achieve that. The event was so well received that Granby High school is forming a WIE Club. This group will begin meeting Nov 12 with a goal of building a Remote Controlled Vehicle. The Section needs volunteers to support this effort. Anyone who can contribute an occasional weekday afternoon helping these students experience the fun, function, and engaging challenge of engineering please contact me for more details.

Questions, comments or concerns may be e-mailed to jennifer.ammentorp@ieee.org or http://www.ewh.ieee.org/r3/hampton_roads/contact.html#

Please make time to attend the Awards Banquet to celebrate an engaging year of IEEE in Hampton Roads. Come and thank your ExCom for their many hours of behind the scenes organization to keep the program flowing!

Yours in IEEE Service,
Jennifer
Directions to NSU

I-64 Eastbound
Take Interstate 64 East. Travel through the Hampton Roads Bridge Tunnel to Norfolk. Follow the signs onto Interstate 264 West to Norfolk. Leave I-264 at EXIT 11B -- BRAMBLETON AVENUE/VA-166/VA-168. Turn RIGHT onto PARK AVENUE.

I-64 Westbound
Take Interstate 64 West. Follow the signs onto Interstate 264 West to Norfolk. Leave I-264 at EXIT 11B -- BRAMBLETON AVENUE/VA-166/VA-168. Turn RIGHT onto PARK AVENUE.

Proceed to Corprew Avenue, turn RIGHT. Robinson Center is on your right. Turn right at next corner. Proceed past guard shack. Parking is available immediately to the left and behind the Robinson Center.

Grandby High School WIE

Nine Granby High School 9th grade girls attended the first Hampton Roads Section of the IEEE WIE GHS Outreach event, Oct. 9th 2012. Hampton Roads Section Chair Jennifer Ammentorp, Hampton University IEEE Student Branch President Erin Lawler, and Hampton University Society of Women Engineers Student Section President (and IEEE Student member) Karissa Vaughn were an informal panel at the IEEE Women In Engineering sponsored discussion, to enlighten attendees about STEM Careers and how to select the right courses in high school to prepare for success in college in support of a STEM Career. Granby High Faculty Career & Technical Education Department Chair, Deborah Marshall, at the urging of Granby Faculty member Sabrina Gunton organized the event, which may be the first activity in a budding partnership to awareness and support to under-represented high school students in Engineering and other STEM based careers. The young ladies had many questions about different career possibilities, as well as discussed concerns about low numbers of female students in technical classes in the High School age group. Responses from students who attended include:

My experience with the Women’s engineering program was very educational and eye-opening. I enjoyed having the women from IEEE and the graduates from Hampton University come to Granby High school to share with me the broad job opportunities women have now a days. I thought it was amazing when they shared their experience about being the only girls in many of their engineering classes. I could not believe that they did not find being the only girl in their classes. It really opened my eyes and showed me that women have had to work to be able to be in the work fields that they are in today. I felt more encouraged to try new things out in high school when Erin and Karrasa told me that you should never settle for less than your worth because you don’t seem like you fit in. I thought that the meeting yesterday not only got me hooked on becoming an engineer but also made

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Karissa Vaughn and Erin Lawler of Hampton University IEEE Student Branch
me proud to be a woman. — Sarah H., Grade: 9, Granby High School, Norfolk VA; 10/10/12

The Women In Engineering (IEEE) meeting that I attended was very interesting and informal. The ladies that hosted it did a great job at explaining what the program was about and what they did for a living in engineering, also how far being a woman in the engineering field could take me. The information that I received made a tremendous impact/influence on my life and what I see myself doing in the future. I am looking forward to more meetings and different programs that I can get into to build my career plan for the future. Thank You — 10/11/12 Tanisha R., Grade: 10, Granby High School, Norfolk VA;

In response to the high interest of the Granby Students, Granby Faculty members are organizing a Granby H.S. WIE Group, and the first planned pro-