Multi-Media Presentation for STEAM COFFIN

Speaker: John Laurence Busch

Date/Time: Thursday, December 8, 2011 6:30 PM - 9:00 PM
Location: David Student Union, Washington Conference Room
Christopher Newport University
1 University Place
Newport News, VA 23606
Meal Cost: Members and guests $20; Students $10
Presentation: Free
Campus map: http://www.cnu.edu/about/cmap/index.asp. We will be in building 11.

Captain Moses Rogers and The Steamship Savannah Break the Barrier

Historian and author John Laurence Busch will attempt to re-calibrate your mind before showing why the proposition of making the first crossing of the Atlantic Ocean on a "steamship" was met with a mixture of skepticism and fear.

Praise for STEAM COFFIN:

“Busch’s supremely readable account of the development and construction of the Savannah...and the passionate career of Captain Moses Rogers, represents the creation of a long-needed missing piece of maritime history...It may properly be termed a page-turner, and is strongly recommended.” — Marine Technology Magazine

“This important, well-researched, and extensively illustrated book should appeal to readers interested in...[the] trailblazing efforts of the Savannah’s entrepreneurial principals, including the ship’s Connecticut-born master. Busch helps readers understand and appreciate the struggle of Savannah backers to introduce a radical, next generation steam powered vessel to blue water.” — Connecticut History Magazine

See Steam Coffin, page 3

Reservations:
- vtools: http://meetings.vtools.ieee.org/meeting_view/list_meeting/9191
- Jason Naramore 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: http://www.cnu.edu/directions/index.asp

Inside The Open Channel

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Upcoming Events
Nov 15 IEEE HR50th Anniversary
Dec 2 EXCOM
Dec 8 Steam Coffin
Dear Members,

Please come celebrate 50 years of IEEE Hampton Roads with us on Nov. 15 at the Catering Company at Point Plaza Suites in Newport News! The venue is exceptional, and we are very fortunate to have Doug Stitzel, Vice President of Energy Programs at Newport News Shipbuilding, to speak on IEEE's role in the growth of the energy industry in Hampton Roads. It will be very interesting to hear this perspective from a speaker with such diversified experience. Our planning committee has really spent a lot of time carefully setting up this banquet, and it promises to be a very special event. If you are not registered, please do so ASAP because seating is limited.

We were pleased to have a very good turnout for the October IEEE/ASME meeting, including participation from students who are excited about IEEE. Also, keep in mind our December technical meeting with speaker John Busch, author of STEAM COFFIN, which is a joint meeting with the Marine Technology Society. An insight into naval history should provide an interesting change of topic from our typical technical meetings, and get us ready for the upcoming OCEANS 2012 conference.

December is also the time to start planning for 2012, so if you have any ideas/suggestions for technical and social meetings, please contact the officers list.

Best Regards,
Jason Naramore
2011 Chair
IEEE Hampton Roads Section
jason.naramore@ieee.org
From the PES Corner

This October HR-PES chapter sponsored Training and Networking session on Oct 6th hosted by the ODU Student Branch. During the 125 year anniversary of the IEEE was the first National IEEE Day, (Oct 6th) to mark the first meeting of then AIEE, back in 1885. National IEEE Day was promoted during Sections Congress as a day to celebrate our roots in the Institute and promote the positive changes as a result from volunteers around the globe.

The training session was well attended by 14 student members and 5 guests, though participation was open to all members. Student leaders from both Old Dominion and Hampton Universities came to learn about the vTools Meeting System and Section Access to Members of IEEE, or SAMIeee, to which it is often referred. In addition to learning about IEEE Resources and how to use them, ODU announced they have two Xtremecoding teams participating in the Region 3 Student challenge.

When you attend the various activities organized by the local Section or Chapter make a point of meeting members of our student branches. They are sharp, following all the current technology, and ready to engage the world as young engineers. Their energy and enthusiasm are truly inspiring and infectious. The section will be recognizing the Student leaders at the 50th Anniversary Banquet, a superb opportunity to spend a little time with them and find out more about them.

Finally, HR – PES congratulates to Jim Childers as the HR-PES Chapter Chair for 2012, and to Bill LaBelle as the Chapter’s Outstanding Engineer of 2011 and Richard Williams as the Young Outstanding Engineer of 2011. Presentation of their awards will happen at the 50th Anniversary. Be sure to congratulate them in this distinguished recognition, and thank them for giving their time and energy into supporting the HR - PES and IEEE Section. Next issue will have the 2012 Spring line up of activities for the Chapter

HR-PES invites your feedback and suggestions to improve our organization.

Jennifer Ammentorp
Chair, HR-PES
jennifer.ammentorp@ieee.org

Steam Coffin

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Steam Coffin is remarkable in that it is able to present the macro and micro pictures in a graceful and engaging narrative...Busch wrote this book for a general, non-nautical audience, because he explains everything, including the most basic terms...He has an eye for the telling quotation...A fascinating account of early 19th century technology..., and the entrepreneurial spirit of the age.” — PowerShips Magazine

Visit www.steamcoffin.com for more reviews and background...

In addition to the Steam Coffin presentation, we are holding this joint meeting with the Marine Technology Society in December to coordinate our efforts to co-host next year’s international IEEE/MTS conference Oceans 2012 – Harnessing the Power of the Ocean, to be held at the Virginia Beach Conference Center October 14-19, 2012. More than two thousand participants are expected to attend. See http://www.oceans12mtsieeehamptonroads.org/index.cfm for more details.
Life Membership

In order to be a Life Member an IEEE member must be at least 65 years of age and maintained enough years of membership in IEEE (or of its predecessor societies) for such a period that the sum of his/her age and his/her years of membership equals or exceeds 100 years. IEEE "Life" status is an automatic process based on an individual's membership record. Members who qualify each year are notified by mail in the fourth quarter of the qualifying year.

When an individual achieves Life Member (LM) status, their basic membership dues and Region assessments are waived on 1 January of the year following attainment of LM status. Individuals may receive reduced member rates at IEEE sponsored conferences. For qualifying Life members, Society fees are waived.

IEEE Life Members Fund

The IEEE Life Members Fund [http://www.ieee.org/societies_communities/geo_activities/life_members/fund.html], in coordination with the IEEE Foundation [http://www.ieee.org/organizations/foundation/index.html], supports the activities of interest to Life members, potential engineers, and engineering students. It is supported by the generosity of IEEE members. To the maximum extent possible, Life members should financially support the Life Members Fund.

You can make a donation to the Life Members Fund online.

Life members who donate to the IEEE Life Members Fund will receive a special thank you:

- US$50-99 = IEEE Life members lapel pin;
- US$100 or more = IEEE Life members pewter coaster which commemorates an IEEE Historical Milestone;
- US$150 or more = lapel pin and coaster.

IEEE Life Member Chapters

Life Members are encouraged to form Life Member Chapters within their own sections. LM Chapters assist LMs to retain active IEEE associations, contribute to the social good in their communities, advance IEEE’s professional interests and enjoy each other's company.

Information on IEEE Life Membership may be found on the IEEE website at www.ieee.org/lmc. Contact the IEEE Hampton Roads Officers, officers-r3-hamptonroads@ieee.org, if you would like to start a Life Member Chapter.
IEEE Hampton Roads 50th Anniversary Banquet

Date/Time: November 15, 2011 6:00 PM - 10:00 PM

Location: The Catering Company at Point Plaza Suites
950 J Clyde Morris Blvd.
Newport News, VA 23601

Reservations: Prior to 1 Nov. 1 Nov and later

- Members and guest $60 $75
- IEEE Student Members $30 $75
- Non-members $75 $100

At the door: $100 (subject to availability)

Meal selection: Petit Tenderloin with lump Crab Cake, Chicken Oscar, Kosher, and Vegetarian.

Come celebrate with us, the IEEE Hampton Roads Section Officers, on November 15, 2011 the section’s golden anniversary. After the Presentation of Awards the keynote speaker for the evening’s celebration will be Doug Stitzel, Vice President, Energy Programs, Newport News Shipbuilding, a division of Huntington Ingalls Industries.

About IEEE Hampton Roads

On 1 March 1961 the IEEE Member and Geographic Activities Board (known as IEEE Regional Activities Board prior to 1 January 2008) approved the establishment and boundaries of the IEEE Hampton Roads Section. The Hampton Roads Section conducts activities which assist the local IEEE members to enhance their professional careers and their communities.

The territory of the IEEE Hampton Roads Section, as approved by MGA, includes the following: the counties of Accomack, Essex, Gloucester, Isle of Wight, James City, King and Queen, Lancaster, Mathews, Middlesex, Northumberland, Poquoson, Richmond, Southampton, Surry, York; and independent cities of Chesapeake, Franklin, Hampton, Newport News, Norfolk, Portsmouth, Suffolk, Virginia Beach, Williamsburg.

The section’s membership includes approximately 750 members and 120 students (undergraduate and graduate). Of the active members nine are IEEE Fellows. Three of 37 IEEE societies and chapters operate in IEEE Hampton Roads: Communications Society, Power and Energy Society, Photonics Society (formerly Laser and ElectroOptics Society).

The section has five Student Chapters: Christopher Newport University, ECPI University - Virginia Beach, Hampton University, Norfolk State University,

Reservations:
- vtools: http://meetings.vtools.ieee.org/meeting_view/list_meeting/8113
- Jason Naramore at officers-r3-hamptonroads@ieee.org or William LaBelle +1 757 619 9050.
- Sponsorships: Please contact Richard Williams at richardwilliams230@msn.com or +1 757 224 1798.
and Old Dominion University.

About IEEE

IEEE, the world’s largest technical professional association, is dedicated to advancing technology for the benefit of humanity. Through its highly cited publications, conferences, technology standards, and professional and educational activities, IEEE is the trusted voice on a wide variety of areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics. Learn more at http://www.ieee.org.

Keynote Speaker: Doug Stitzel
Vice President, Energy Programs,
Newport News Shipbuilding, a division of Huntington Ingalls Industries

IEEE’s Role in building the "Greatest Warships in the World and in the growth of our Energy Enterprise!"

Doug Stitzel is vice president of Energy Programs at Newport News Shipbuilding, a division of Huntington Ingalls Industries, located in Newport News, Va. Named to this position in 2009, he is responsible for all programmatic activities associated with energy programs. He also serves as vice president and general manager for Newport News Nuclear, Inc. and president of Newport News Industrial Corporation and Newport News Energy, Inc., wholly-owned subsidiaries of Huntington Ingalls Industries.

Prior to his current position, Stitzel served as director of program operations for the Department of Energy programs division. He began his career at Newport News in 1966 and has held leadership positions in supply chain management, engineering, operations and nuclear engineering. He has served in various positions of increasing responsibility to include program operations manager for the Gerald R. Ford class aircraft carrier program, and field office business manager overseeing company operations in Washington, D.C., San Diego, Milwaukee, Philadelphia and Pearl Harbor. He also managed business development for the shipyard’s West Coast operations in San Diego, San Francisco, Seattle and Pearl Harbor.

Prior to joining Newport News Shipbuilding, Stitzel served in the United States Army and was stationed in Wurtzsburg, Germany and Nancy, France. He earned a bachelor’s degree from Christopher Newport University – a College of William and Mary. He also holds master’s degrees from Golden Gate University and Norfolk State University.

About Newport News Shipbuilding:

Newport News Shipbuilding (NNS), a division of Huntington Ingalls Industries, is the nation’s sole designer, builder and refueler of nuclear-powered aircraft carriers and one of only two shipyards capable of designing and building nuclear-powered submarines. NNS also provides fleet services for naval ships and recently expanded its nuclear and manufacturing expertise into Department of Energy and alternative energy business ventures. Headquartered in Newport News, Virginia, the shipyard’s vast facilities span more than 550 acres along two miles of waterfront on the historic James River. It is the largest industrial employer in Virginia, employing more than 20,000 people, many of whom are third and fourth generation shipbuilders. For more information, please visit www.huntingtingalls.com.
Career Opportunities

The Clarks Group/ Electrical Engineering Opportunities for IEEE Members

High Voltage Research Scientist & Product Development Lead

Hello, my name is Piers Clarkson. I am an Executive Recruiter with The Clarks Group. We are currently conducting immediate searches on two positions that might be of interest to your group members or even personal colleagues, friends or school alumni. Please feel free to forward this to any talented individuals that you think might welcome such an opportunity, or know of others that might. The positions are:

- High Voltage Research Scientist (This person will be the knowledge expert and core team leader and will control the processes from A-Z.)
- Senior Product Development Lead (This person will oversee the processes and be the guiding authority of the team)
- Ultimately these two individuals would work very closely together.

General Highlights:

- This is with a very well established, worldwide corporation. This position is in their North American hub, where all Research and Development takes place and the majority of their manufacturing.
- Position is located in the southeast, in a very popular relocation destination.
- Salary is based on experience.
- Direct Hire- The company is experiencing vast growth and will continue to do so. This should promise great stability immediately and also offer strong potential for professional growth, as well. The High Voltage division will be particularly benefited by these expansion plans.
- Ideal candidates would have worked in the Energy/Utilities industry and with voltages in the 145-245 KV range.
- Requires 5-10 years of related experience, with M.Sc. or Ph.D.
- If inclined, there could be international assignments in the future.

Follow Up:

For much more information and job descriptions, please contact Piers Clarkson at piers@theclarksgroup.com or (336)765-7377 for further details.

Piers Clarkson  
Director Of Executive Recruiting  

THE CLARKS GROUP  
Professional Staffing & Recruitment Service  

"2011 Business Leader of the Year Award Winner, Staffing/Recruiting Category", Business Leader Magazine  

Phone: 336-765-7377  
www.TheClarksGroup.com  
http://www.linkedin.com/in/PiersClarkson  

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Working at AECOM makes you a member of a global team and an award-winning company. You are supported through a network of connections within your role, your discipline and the regions in which you operate. With 41,000 people in more than 100 countries, AECOM is a leader in all of the key markets that it serves. Our highly capable team provides a blend of global reach, local knowledge, innovation and technical excellence in delivering solutions that enhance and sustain the world’s built, natural and social environments.

AECOM’s ability to deliver cutting edge, innovative building engineering designs that meet and exceed the expectations of clients, and the people who use the finished building every day, is recognized around the world. We are known internationally for our creative, sustainable design approach which, from the outset, considers not just low carbon and economic operational performance, but how any building is an essential facility designed ultimately to enable client organizations across the diverse fields of Business, Lifestyle, Community and Technology to flourish worldwide.

AECOM employees around the world enjoy a wide range of benefits and competitive compensation package. AECOM is much more than just a place to work. It's a place where you can put your innovative thinking and business skills into high gear and work alongside other highly intelligent and motivated people. It's a place where you can apply your skills to some of the world's most challenging, interesting, and meaningful projects worldwide. It's a place that values the diversity of our areas of practice and our people. It's what makes AECOM a great place to work and grow. Come grow with us! For more information on AECOM, please visit our website at www.aecom.com. AECOM is an Equal Opportunity Employer.

AECOM is searching for - Electrical Engineer IV:
Design building power, lighting, communication, fire alarm and security systems. Supervise the Electrical Engineers in project design and development tasks, including drawings, calculations, cost estimates, and specifications, respond to client questions and comments, review contractor submittals, and provide clarifications during construction. Review electrical department design documents for completion and ensure department personnel adhere to accepted industry and company standards. Assist in the development of company quality standards and procedures. Work closely with management and electrical department leadership to develop and implement electrical short- and long-range manpower and production plans to meet project objectives. Assist the Business Development Department in pursuing new work including participation in client presentations. Perform other duties as assigned.

Job Requirements:
- BS in Electrical Engineering, accredited program
- 10+ years experience with an consulting engineering firm designing building power, lighting, communication and security systems
- Licensed Professional Engineer
- A thorough understanding and knowledge of the architectural and engineering industry, including the Federal, State, and local laws and regulations that pertain to the industry
- Travel as required to meet training and project requirements
- Strong oral and written communication skills
- Experience using Outlook and Microsoft Office (or similar software).
- Working knowledge of AutoCAD and SKM PowerTools or similar software

Preferred:
- Holder of National Council of Examiners for Engineers and Surveying (NCEES) Council Record
- RCDD Certification
- LEED Accredited Professional
- Working knowledge of Revit
- Ability to obtain a security clearance