

NATIONAL ENGINEERS WEEK

The National Society of Professional Engineers founded National Engineers Week in 1951. It's always celebrated at the time of George Washington's birthday. Our nation's first president was a military engineer and a land surveyor. The mission then, and now, is to increase public awareness and appreciation of the engineering profession.

Peninsula Engineers Council Annual Banquet

With Presentation of the 2013 Engineer of the Year and Doug Ensor Awards

Engineer of the Year

Dr. Eugene A. Morelli of the NASA Langley Research Center Dynamic Systems and Control Branch is the recipient of the 2013 Peninsula Engineer of the Year Award. He was nominated by the Hampton Roads section of the American Institute of Aeronautics and Astronautics (AIAA). He is being recognized for his international leadership in Aircraft System Identification. He has been responsible for the development and application of advanced modeling techniques for a variety of flight vehicles and programs including the X-43A (Hyper-X), Ares I-X, AirSTAR, and the Falcon HTV-2. He is the recipient of three consecutive AIAA Best Paper awards (2010, 2011, and 2012), was named an outstanding reviewer for the AIAA Journal of Guidance, Control, and Dynamics (also for three years), and is a co-author of the AIAA textbook, "Aircraft System Identification – Theory and Practice."



Over the past two decades, Dr. Morelli has exhibited extraordinary technical leadership and influence in the field of Aircraft System Identification in particular and Atmospheric Flight Mechanics in general. He has made significant technical contributions to a variety of NASA missions. Dr. Morelli has substantially advanced the state of the art in Aircraft System Identification. His techniques were applied to the Ares I-X flight test, producing extraordinary results that are believed to be the first such application of system identification methods to a launch vehicle.

Dr. Morelli holds the degrees of Doctor of Science in Aerospace Engineering (ScD) from George Washington University, Master of Science in Aerospace Engineering from Princeton University, and Bachelor of Science in Mechanical Engineering from Bucknell University.

Doug Ensor Award

Mr. John Edwards of Newport News Shipbuilding is the recipient of the 2013 Doug Ensor Award for Young Engineer of the Year. Mr. Edwards was nominated by the Hampton Roads chapter of the Society of Naval Architects and Marine Engineers (SNAME). Mr. Edwards is a nuclear plant operations engineer (shift test supervisor), working aboard the *USS Gerald R. Ford*, which is in new construction. He is one of the first engineers qualified as a Shift Test Engineer for the *USS Gerald R. Ford* class reactor plant and is responsible for testing reactor support systems to ensure compliance with written procedures in a safe manner. Prior to this position he served as a shift test engineer aboard the *USS George H.W. Bush* new construction program and both the *USS Carl Vinson* and *USS Theodore Roosevelt* refueling and complex overhaul (RCOH) programs.



Mr. Edwards began his career at the Newport News shipyard in 2004 as a mechanical test engineer with the *USS Enterprise*. During the extended dry-docking he was responsible for the execution of work and testing as directed by the Shift Test Engineer. He derived work authorization paperwork and established safety boundaries from technical documents for trades use on the deck plate. Following the *USS Enterprise*, he worked with the *USS Carl Vinson* RCOH program. He was responsible for the execution of work and testing with increasing responsibility for test procedure preparedness.

Mr. Edwards earned a bachelor's degree in marine engineering and system design with an emphasis in environmental engineering from the U.S. Merchant Marine Academy in 2003 and a master's degree in national defense and strategic studies from the U.S. Naval War College in 2010.

Featured Speaker



Jennifer Boykin is vice president of Engineering and Design for Newport News Shipbuilding. Named to this position in 2012, Boykin is responsible for all ship design, planning yard and topside construction and test engineering. Prior to this position, Boykin served as vice president of Quality, Engineering Services and Process Excellence and was responsible for the formulation, management and oversight of the quality and process excellence programs, policies, goals and objectives. Boykin earned a bachelor's degree in marine engineering from the U.S. Merchant Marine Academy and a master's degree in engineering management from The George Washington University. She is also a graduate of the Hampton Roads Chamber of Commerce leadership program.

**SATURDAY, FEBRUARY 23, 2013 – NEWPORT NEWS SHIPBUILDING,
4101 Washington Ave., Building 520, 6th floor, James River Room, Newport News, Virginia 23607**

6:00 PM - Social Hour, 7:00 PM – Dinner, 8:00 PM – Program

Menu: (1) Beef Tenderloin Medallions & Crabcake w/Remoulade or (2) Chicken Oscar with Crabmeat, Asparagus and Béarnaise Sauce, or (3) Vegetarian Grilled, Stuffed Portabella Mushroom with Seasonal Vegetables & Cheese. Special dietary meals are available upon advanced request. Each entrée includes Salad, Chef's choice of vegetables, Roasted Potatoes, rolls, beverage, and dessert.

Tickets: \$30 per person. To purchase tickets, please go online to <http://www.acteva.com/booking.cfm?bevaaid=234896>, or contact Bill LaBelle at (757) 619-9050 or your professional society's PEC representative.