

# 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 2012 Engineer of the Year and Doug Ensor Awards

#### Engineer of the Year



Ms. Dawn Schaible is the recipient of the 2012 Peninsula Engineer of the Year Award. She was nominated by the Hampton Roads Area (HRA) Chapter of the International Council on Systems Engineering (INCOSE).

Ms. Schaible is currently the Manager of the Systems Engineering Office (SEO) for the NASA Engineering and Safety Center (NESC) at the Langley Research Center. She directly manages the office that leads the day-to-day integration and operation of the NESC processes including the review and disposition of all requests for NESC assistance and the operation of the NESC Review Board. Ms. Schaible also leads the NESC's Systems Engineering Technical Discipline Team, totaling over 100 members from each NASA Center, industry, and academia. She provides systems engineering expertise to the independent NESC assessments of critical, high-risk issues for all NASA Mission Directorates. She also provides systems engineering advocacy across the Agency.

Ms. Schaible began her career with NASA at the Kennedy Space Center (KSC) in 1987. Ms. Schaible completed the Systems Design and Management Program at the Massachusetts Institute of Technology, where she received a M.S. degree in Engineering and Management. Ms. Schaible previously received a B.S. degree in Mechanical Engineering from Bradley University and a M.S. degree in Space Systems Operations from the Florida Institute of Technology.

#### Doug Ensor Award



Dr. Natasha Neogi was named the 2012 Doug Ensor Award recipient for Young Engineer of the Year by the Peninsula Engineers Council. Dr. Neogi was nominated by the Hampton Roads Chapter of the American Institute of Aeronautics and Astronautics (AIAA). Dr. Neogi is a senior research engineer at the National Institute of Aerospace and her present

work focuses on validation and verification of the safety, reliability and security of high-confidence, software-intensive, critical infrastructure systems for aircraft and air traffic operations. She is a leading authority in an emerging field called Cyber-Physical Systems, and is a key developer of reusable templates in the Hybrid Input-Output Automata formalism for aerospace applications. Dr. Neogi has over 50 publications to her credit, numerous scholarships and awards, as well as the 2009 National Science Foundation's Early Career Award. Dr. Neogi is a passionate advocate of young women interested in pursuing careers in engineering, and has served as a judge, coordinator and administrator of the Girls Adventures in Mathematics, Engineering and Science (GAMES) Camp held annually at Urbana-Champaign for the past 7 years. She holds degrees in mechanical engineering and aeronautical and astronautical engineering from McGill University in Montreal, Cambridge University in the United Kingdom, and MIT.

#### Featured Speaker



Bob Lindberg has served as President and Executive Director of the National Institute of Aerospace (NIA) since 2003. NIA is a non-profit research and graduate education institute established as a strategic partner with NASA Langley Research Center. Dr. Lindberg holds a concurrent faculty appointment as Research Professor in Mechanical and Aerospace Engineering with the University of Virginia. The title of Dr. Lindberg's speech will be "Improving the Public Perception of Engineering".

**SATURDAY, FEBRUARY 25, 2012 – POINT PLAZA SUITES AND CONFERENCE HOTEL,  
950 J. CLYDE MORRIS BLVD, NEWPORT NEWS, VIRGINIA**

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

Menu: (1) House Made Jumbo Lump Crab Cakes with Smithfield Ham or (2) Breast of Chicken Oscar with Asparagus, Crabmeat, and Hollandaise Sauce, or (3) Vegetarian Grilled, Stuffed Portabella Mushroom with Cheese, Sautéed Peppers, and Onions. Special dietary meals are available upon advanced request. Each entrée includes tossed salad, Chef's choice of vegetables and starch, rolls, beverage, and dessert.

Tickets: \$60 per person. To purchase tickets, please contact either Ron Spano at (757) 443-2650 x4424, Ken Hoffman at 224-2035 ext.308, your professional society's PEC representative or online at: <http://www.acteva.com/booking.cfm?bevaid=227100>