

# 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 2009 Engineer of the Year and Doug Ensor Awards

### Engineer of the Year



Dr. Ivatury Raju is the recipient of the 2009 Peninsula Engineer of the Year Award. He was nominated for this recognition by the Hampton Roads Chapter of the American Institute of Aeronautics and Astronautics (AIAA).

Dr. Raju currently serves as the NASA Technical Fellow for Structures at the NASA Engineering and Safety Center (NESC). Dr. Raju's work is focused on evaluations and assessments of various Agency technical problems and to ensure safe operations of the Space Shuttle, the International Space Station programs, and the Ares-I and Ares-V launch vehicles of the Constellation Program. In this position, he works within the NESC and performs comprehensive independent technical assessments and investigations.

Dr. Raju is the recipient of several honors: NASA Exceptional Achievement Medal (2000); International Conference on Computational Engineering and Sciences' Theodore H. H. Pian Medal (2002); Fellow of American Institute of Aeronautics and Astronautics (2003); ASME-Boeing Best Paper Award (2005), and NASA Exceptional Service Medal (2007). Dr. Raju was selected as the Agency's Technical Fellow for Structures. His career spans more than three decades including industry, academia, and government positions.

### Doug Ensor Award



Ms. Michele T. King was named the 2009 Doug Ensor Award recipient for Young Engineer of the Year by the PEC. Ms. King was nominated by the Hampton Roads Chapter of the International Council on Systems Engineering (INCOSE).

Ms. King is currently employed by Futron Corporation. She has worked a contract with the NASA Engineering and Safety Center (NESC) and on several contracts with Langley Research Center (LaRC). Ms. King participated in a Schedule-Risk Analysis for the GeoTRACE team at LaRC. She also performed data mining of risks for the Exploration Technology Development Program (ETDP). More recently, she has served as the risk management coordinator for several programs and projects at LaRC, including Hy-BoLT-SOAREX-ALV (HSA) and Orion Flight Test Article (FTA), and is currently the risk manager for CERES FM5, Constellation Level II SE&I, and IRVE II. Ms. King is also performing an independent Schedule Health Assessment and Schedule-Risk Analysis for a NASA project through the Independent Program Assessment Office (IPAO).

### Featured Speaker



Dr. James H. Aylor is the Louis T. Rader Professor of Electrical and Computer Engineering and Dean of the School of Engineering and Applied Science at the University of Virginia. Before taking the Dean position, he was Interim Dean for one year, a Senior Associate Dean of Academic Programs for one year and the Chair of the Electrical and Computer Engineering Department for eight years. He has been involved in all aspects of the digital design process for over 25 years. He has directed work in the areas of system-level modeling, concurrent error detection, automatic test pattern generation, hardware description languages, Very Large Scale Integration (VLSI) system design, and computer technology for aged independence. He has served as Principal Investigator or Co-Principal Investigator on over 35 contracts and has authored or co-authored one book, four book chapters, and over 150 technical articles.

**SATURDAY, FEBRUARY 21, 2009 – 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: Petite Filet Mignon and Lump Crabcake or Chicken Oscar with Crabmeat or Vegetarian Pasta Alfredo. Special dietary meals are available upon request. Each entrée includes tossed salad, Chef's choice of vegetables, rolls, beverage, and dessert.  
Tickets: \$40 per person. To purchase tickets, please contact either Fred Brown at 688-1621, Carmen Boelte at 688-8229, or your society's PEC representative.