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# 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.

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## Peninsula Engineers Council Annual Banquet

With Presentation of the 2008 Engineer of the Year and Doug Ensor Awards



### Engineer of the Year

Mr. Kevin O. Topp is the recipient of the 2008 Peninsula Engineer of the Year Award. He was nominated for this recognition by the Hampton Roads Area Chapter of the International Council on Systems Engineering (INCOSE)

Mr. Topp is a nationally recognized leader in systems engineering. Mr.

Topp's nationally recognized achievements include: (1) Army Corps of Engineers Contracting Officer and Project Manager for \$140M in 15 hurricane and flood protection projects in New Orleans; (2) U.S. Army lead on Future Conflict wargame modeling and simulations; (3) Northrop Grumman Lead Systems Engineer for the Navy's new class of aircraft carriers, CVN 21, an \$11B Department of Defense Program; (4) Leader in the initiation and success of the INCOSE Systems Engineering Certification Program, and developing and instructing training material for several tutorials to prepare others for their certification examination, and; (5) Founding member and leader in the local INCOSE chapter, planning four regional INCOSE Conferences, two of which were with the mid-Atlantic INCOSE Chapters. He is a Certified Systems Engineering Professional and a Registered Professional Engineer in the Commonwealth of Virginia.



### Doug Ensor Award

Ms. Jill L. Prince was named the 2008 Doug Ensor Award recipient for Young Engineer of the Year by the PEC. Ms. Prince was nominated by the American Institute of Aeronautics and Astronautics.

Ms. Prince is an Aerospace Engineer in the Atmospheric Flight and Entry Systems Branch at NASA's Langley Research Center. Most recently, she served as the Langley flight mechanics lead for the Mars Reconnaissance Orbiter (MRO) aerobraking operations team and provided extensive flight mechanics and mission simulation analyses for the aerobraking phase of flight. She was responsible for MRO mission analysis during aerobraking operations and conducted trajectory simulations, Monte Carlo analysis, and trade studies supporting apoapsis maneuver decisions throughout the five month aerobraking phase of the mission. She was the recipient of the NASA Exceptional Achievement Medal for her work supporting the MRO aerobraking development and flight operations. Ms. Prince is currently the acting Assistant Branch Head in the Atmospheric Flight and Entry Systems Branch at NASA Langley Research Center.



### PEC Banquet Speaker

Mr. David C. Beals is the Deputy Director of NASA's Exploration Technology Development Program. The ETDP is in charge of over 20 advanced technology projects which are enabling NASA's mission to return to the Moon to stay with an eye towards proceeding on to Mars. In his 20-plus years NASA career, he has managed space flight projects, advanced instruments, a superconducting magnet project, advanced test facility structural analysis, led independent assessments at the Agency level, and lately technology needs and applications efforts.

**SATURDAY, FEBRUARY 23, 2008 – POINT PLAZA CONFERENCE HOTEL,  
950 J. CLYDE MORRIS BLVD, NEWPORT NEWS, VIRGINIA  
6:00 PM – Social Hour, 7:00 PM – Dinner, 8:00 PM – Program**

Menu: Seasoned Petite Filet Mignon with Crabcake or Chicken Oscar topped with Crab meat and hollandaise or Portobello Mushroom Ravioli. 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.