

# 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 2014 Engineer of the Year and Doug Ensor Awards

#### Engineer of the Year



Mr. Jeremy Shidner of Analytical Mechanics Associates, Inc. (AMA) is the recipient of the 2014 Peninsula Engineer of the Year Award. He was nominated by the Hampton Roads section of the American Institute of Aeronautics and Astronautics (AIAA). Mr. Shidner has supported the Atmospheric Flight and Entry Systems Branch at NASA Langley Research Center for the past 5 years and has

distinguished himself as an outstanding engineer. Mr. Shidner is being recognized in all areas of his work including the highly visible and crucial entry, descent, and landing (EDL) operations sequence of the Mars Science Laboratory (MSL). He provided technical leadership and contributions in the areas of telecom relay, descent simulation, and engineering animations.

More recently, Mr. Shidner is also supporting the NASA Engineering and Safety Center (NESC), applying his skills to independent assessments of the Space Launch System, the commercial crew program, and a privately funded Mars entry called Inspiration Mars.

Mr. Shidner holds the Aerospace Engineering degrees of Master of Science from the University of Maryland and Bachelor of Science from Embry-Riddle Aeronautical University.



#### Featured Speaker

Stephen G. Jurczyk is the acting center director of NASA Langley Research Center. He plans, organizes, and directs center and intercenter activities to advance research significant to national aerospace programs and objectives. In 2002, Mr. Jurczyk was selected as deputy director for Flight Systems, and was subsequently named director of the Systems Engineering Competency. He was named deputy director for the center in 2006, and in 2013 he became acting center director during Lesa Roe's absence.

#### Doug Ensor Award



Dr. Jeremy Pinier of NASA Langley Research Center (LaRC) is the recipient of the 2014 Doug Ensor Award for Young Engineer of the Year. Dr. Pinier was nominated by the Hampton Roads section of the American Institute of Aeronautics and Astronautics (AIAA). Dr. Pinier is currently the lead engineer responsible

for the development of the Aerodynamics Databases for the Liftoff and Ascent phases of the future heavy-lift launch vehicle for our nation's exploration of beyond low-Earth-orbit destinations, the Space Launch System. In this role, he has led several teams of experienced researchers during large-scale wind tunnel testing campaigns around the country to produce aerodynamic databases for this launch vehicle, from the low-speed liftoff regime to the high-speed supersonic regime. The aerodynamic databases that he is responsible for will be used during the entire life of the project, and could have an impact on Space Exploration for decades to come.

Dr. Pinier earned a both his bachelor's and master's degrees in Aerospace Engineering at ENSICA/ISAE College of Aeronautical Engineering in Toulouse, France. He earned his Ph.D. in Mechanical and Aerospace Engineering at Syracuse University. Dr. Pinier is the author of roughly 35 scholarly publications, including both journal articles and conference publications.

**SATURDAY, FEBRUARY 22, 2014 – NEWPORT NEWS SHIPBUILDING,  
4101 Washington Ave., Building 520, 6<sup>th</sup> floor, James River Room, Newport News, Virginia 23607**

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

Menu choices: Beef Tenderloin Medallions & Crab Cakes with Remoulade Sauce. Breast of Chicken Oscar w/ Asparagus, Crab meat and Bernaise Sauce. Roasted Stuffed Portabello w/ Vegetables and Cheese. Special dietary - please specify

Tickets: \$35 per person. To purchase tickets, please go online to <https://www.eventbrite.com/e/2014-engineer-of-the-year-banquet-tickets-10141225679>, or contact Bill LaBelle at (757) 619-9050 or your professional society's PEC representative.