

# 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 2017 Engineer of the Year and Doug Ensor Awards

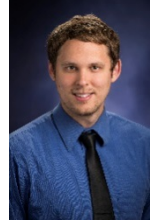
### Engineer of the Year – Alan Titcomb



Alan Titcomb was born in Maine, attended the University of Michigan, and, subsequent to marrying his wife Eileen, moved to Hampton Roads where he completed his Bachelor's Degree in Mechanical Engineering. Alan joined Newport News Shipbuilding (NNS) in 1979 and moved through a

number of departments early on and an array of different responsibilities including Sealift conversions and commercial concepts, with trips to Korea and Japan to benchmark commercial shipbuilding processes. He was also involved with ship repair and encouraged the use of modeling and simulation, which altered the landscape of design at NNS. Upon joining the NNS Naval Architecture and Marine Engineering department, Alan became a leader in mass properties engineering and helped to promulgate best practices first as a supervisor and then as department manager, putting his Masters Degree in Engineering Management from Old Dominion University to good use. In addition, Alan became greatly involved with the International Society of Allied Weight Engineers (SAWE) and rendered outstanding service to the society, culminating in his elevation to honorary fellow status in 2013 and Chairman of the Standards and Practices Committee. One of Alan's great passions is travel, and in recent years he has hiked Machu Picchu in Peru and climbed Mount Kilimanjaro in Tanzania. He retired from Newport News Shipbuilding in 2016 after a long and storied career, with more adventures still to come.

### Doug Ensor Award – Kurt Swieringa



Growing up in Grand Rapids Michigan, Kurt Swieringa has always been interested in aviation. When he began his undergraduate education, he chose to pursue a dual major in Aerospace Engineering and Engineering Physics at the University of Michigan. After Graduation, Kurt completed a Master's

degree in Aerospace Engineering from the Georgia Institute of Technology while conducting air traffic management research at the NASA Langley Research Center. Since then, Kurt has established himself as a nationally recognized expert in a new air traffic management technology called Interval Management. Interval Management is a flight deck technology that will enable an aircraft to achieve a precise spacing interval behind another aircraft at a flow constricted point, resulting in increased throughput, reduced delay, and reduced fuel use. Kurt Swieringa has led the development and testing of upgrades to NASA's Interval Management algorithm that added three new types of operations and improved integration with newly developed air traffic controller tools. Kurt has also led and participated in several simulations designed to evaluate the efficacy of Interval Management and inform the development of Minimum Operations Performance Standards developed by the FAA. All of this work has culminated in a joint flight test with Boeing, Honeywell, and United Airlines that was completed in early 2017. The results of the flight test will be used to validate both the benefit of Interval Management and the Minimum Operational Performance Standards.



### Featured Speaker

Dr. David E. Bowles is the Director of NASA's Langley Research Center, Hampton, VA. NASA Langley, founded in 1917, is the nation's first civilian aeronautical research facility and NASA's oldest field center. Dr. Bowles served as the Deputy Director of NASA Langley from November 2013 to February 2015 prior to his current leadership role.

**SUNDAY, FEBRUARY 26, 2017 – Hampton Roads Convention Center Suite AB**

**Across the Covered Walkway from the Embassy Suites Hotel, 1700 Coliseum Dr, Hampton, VA 23666**

1:00 PM - Social Hour, 2:00 PM – Brunch, 3:00 PM – Program

Menu: (1) Pan Seared Chicken Breast [with Smoked Gouda Mornay]; (2) Hot Honey Glazed Salmon [with Mango Pico de Gallo]; (3) Vegetarian Bucatini Pasta [with Fontina Cream, Butternut Squash, Green Peas, Mission Fig, Shitake Mushroom and Roasted Tomato]. Each entrée includes Salad, Chef's choice of vegetable and starch, rolls, coffee/tea, and dessert. Cash Bar.

Tickets: \$35 per person. To purchase tickets, please go online to <https://www.eventbrite.com/e/2017-engineer-of-the-year-banquet-tickets-31382393584> or contact Bill LaBelle at (757) 619-9050 or your professional society's PEC representative.