

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 2022 Engineer of the Year and Doug Ensor Awards

Engineer of the Year—Mr. Randy Bethea, P.E.



Mr. Randy Bethea is a deputy chief engineer at Newport News Shipbuilding and was nominated by the local ASME chapter for his outstanding contributions to the piping design and structural systems engineering discipline over his 39 year career. Mr. Bethea is a subject matter expert for piping system design and stress analysis, including fatigue analysis and testing to support life cycle prediction and failure probability.

Mr. Bethea has managed teams of engineers as a former engineering manager in support of three submarine classes, has provided technical leadership for several complex material investigations affecting naval products and lead several cross-functional teams that included industry and government engineering experts.

Mr Bethea has contributed to the field of piping structural and operational analysis for naval applications as a national member of ASME Code for Power Piping, B31 "Mechanical Design Technical Committee" & "Subgroup on Design" and is widely recognized and called upon as a technical authority. He has been recognized as a Model of Excellence Award, Huntington Ingalls most prestigious award, for his technical leadership on three separate occasions.

Mr. Bethea earned his bachelors of Science in Engineering Science and Mechanics from the University of Tennessee in 1982 and a Professional Engineers license from the Commonwealth of Virginia in 1987.

Doug Ensor Award—Dr. Robin Hunt



Dr. Robin Hunt is a research aerospace engineer at the NASA Langley Research Center. She leads the development of a Mach 2.5 wind tunnel facility, called the Isolator Dynamics Research Laboratory (IDRL). Dr. Hunt is the principal investigator for the IDRL and leads a small team of researchers, technicians, and students. She is also the co-principal investigator for the HIFiRE 2-C ground test and flight program, which is a larger project involving NASA, the Air Force Research Laboratory (AFRL), and multiple contracting companies. Finally, Dr. Hunt is an advisory board member for the Lawrence Livermore National Laboratory initiative to design and build a small scale supersonic/hypersonic wind tunnel.

Dr. Hunt became a member of the AIAA High-Speed Air-Breathing Propulsion Technical Committee in 2019. In 2020, she was the Deputy Technical Discipline Chair for the 2020 AIAA Propulsion and Energy conference. In 2021, she became the Technical Discipline Co-Chair for the 2021 AIAA Propulsion and Energy conference.

Dr. Hunt is committed to mentoring students and developing collaborations with universities to encourage research and talent in the field of hypersonics. Dr. Hunt has also mentored several undergraduate students through the NASA internship program. Recently, Dr. Hunt became a Technical Officer for the NASA University Leadership Initiative and works to facilitate technical interactions between the university teams and NASA experts across multiple disciplines and centers.

Distinguished Keynote Speaker



Mr. Charles Southall
VP Columbia Class Program, Newport News Shipbuilding
Paradise Ocean Club

Charles Southall is vice president of *Columbia*-Class Submarine Construction for Newport News Shipbuilding, a division of Huntington Ingalls Industries. He joined NNS in 1988 as an engineer in the submarine program and has since held leadership positions, including director of Submarine Engineering, and director of Advanced Submarine programs where he established the *Columbia*-Class Submarine Program Office. From 2012 to 2017 he served as the company's chief engineer and was responsible for leading engineering efforts

across all Navy programs. Prior to his current appointment, Southall served as vice president of Engineering and Design, and was responsible for all ship design, construction engineering, fleet engineering services, and test engineering.

FRIDAY, APRIL 22, 2022 – Paradise Ocean Club, Fort Monroe, 409 Fenwick Road, Hampton, VA 23651
5:30 PM - Social Hour, Dinner and Program, 6:30 PM

Menu: Hor Devourer's: Shrimp Cocktail, Beef Tenderloin Croissants, Boneless Chicken Bites, Bacon Wrapped Scallops, Chicken Salad Crostinis, Spinach & Artichoke Dip,
Drinks: Water / Tea with the meal and available Cash Bar: Beer, wine, mixed drinks.

Tickets: \$35 per person. To purchase tickets, please go online to <https://bit.ly/3CkqxJv> or contact Bill LaBelle at (757) 619-9050 or your professional society's PEC representative.