

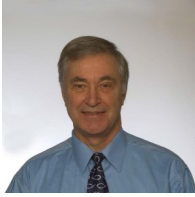
# NATIONAL ENGINEERS WEEK

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 2020 Engineer of the Year and Doug Ensor Awards

### Engineer of the Year—Mr. John O. Clark



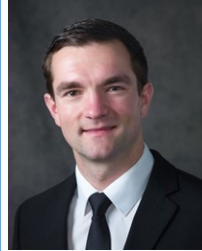
Mr. Clark is an internationally renowned Systems and Software Engineering expert, a published author, an active member of INCOSE, Chief Engineer at Northrup Grumman Corporation (ret.), and involved in his church and community. Mr. Clark continues to build on his 50+ year career serving with INCOSE as the founder and co-chair

of the Training Working Group, Process Improvement Co-Chair, tutorial developer and instructor. His work with INCOSE is recognized by numerous awards including the coveted INCOSE Outstanding Service Award (2010) and INCOSE Technical Operations Award (2014)

NGC honored Mr. Clark with the Exemplary Performance Award for Multi-Sector Collaboration for developing the NGC SE Handbook. During his career with NGC, Mr Clark held roles including Corporate SE Instructor, founder of the INCOSE Community of Practice (CoP), Agile SE CoP, and the NGC SE Handbook Working Group.

He received a BSEE from Penn State and an MSEE from State University of New York.

### Doug Ensor Award—Dr. Tyler B. Hudson



Dr. Hudson is a Materials Research Engineer in the Advanced Materials and Processing Branch (AMPB) at NASA Langley Research Center. He earned a Ph.D. in Aerospace Engineering from North Carolina State University in December 2017.

Dr. Hudson has made significant technical contributions to NASA projects within the Aeronautics Research Mission Directorate (ARMD) and Space Technology Mission Directorate (STMD). These include design and development of two systems for on-line, real-time cure monitoring during composites manufacturing using ultrasonic, guided waves and a third system to measure and quantify the formation of defects (e.g., porosity) in polymer matrix composites during cure, in support of the Advanced Composites Project. For these three systems, he is the first inventor on three non-provisional patent applications. In addition, Dr. Hudson is the Co-Principal Investigator on the Convergent Aeronautics Solutions (CAS) AERoBOND project, which seeks to transform current assembly processes by developing a joining method that uses secondary bonding methods while maintaining a reliable, "co-cured" interface. The process would increase production rate, decrease cost, and reduce weight of composite aircraft assemblies.

Dr. Hudson currently serves as Chair of the Hampton Roads Section (HRS) of the American Institute of Aeronautics and Astronautics (AIAA). He previously served as Vice-Chair and Treasurer, and volunteers at many AIAA HRS STEM/K-12 outreach and Young Professionals events. He consistently mentors students and interns. In addition, he leads volunteer groups in his church and community.



### Distinguished Keynote Speaker

Mr. Doug Wilson  
CEO, Elizabeth River Crossings

Mr. Doug Wilson is the CEO of Elizabeth River Crossings where he joined in April 2018. Mr. Wilson oversees all Company operations and relationships as well as long term strategic planning for ERC. He has held similar leadership positions in other infrastructure businesses working in areas of renewable energy, water treatment and waste management.

Under his leadership, ERC has demonstrated strong operating performance and a commitment to the communities ERC serves.

### Elizabeth River Crossings—More Than Just Tunnels

The Commonwealth of Virginia engaged Elizabeth River Crossings, LLC under a 58-year concession agreement to 2070.

Mr. Doug Wilson will deliver a history of the project including construction and current operations focusing on the tolling system technology.

**SUNDAY, FEBRUARY 23, 2020 – Hampton Roads Convention Center Suite AB, Across the Covered Walkway from the Embassy Suites Hotel, 1700 Coliseum Dr, Hampton, VA 23666**

2:00 PM - Social Hour, 3:00 PM – Brunch, 4:00 PM – Program

Menu: (1) Hampton Roads Chicken; (2) Hot Honey Glazed Salmon; (3) Papparadelle Pasta. Each entree includes Salad, Seasonal Vegetables, Dessert, Rolls.

Tickets: \$40 per person. To purchase tickets, please go online to <http://bit.ly/37VhV2g> or contact Bill LaBelle at (757) 619-9050 or your professional society's PEC representative.