

TIDEWATER TIMES

AMERICAN SOCIETY OF NAVAL ENGINEERS TIDEWATER SECTION



OCTOBER 2020 NEWSLETTER

ASNE TIDEWATER “QUICK LOOK”

<u>Date</u>	<u>Upcoming Event</u>	<u>Page</u>
Oct 21, 2020	Dinner/Meeting Program (Live & Virtual - Speaker: Mark Hugel, ASNE President)	4
Nov 18, 2020	Dinner/Meeting Program (speaker TBD)	
Dec 16, 2020	Dinner/Meeting Program (speaker TBD)	

ASNE TIDEWATER FEATURED ARTICLES / NEWS

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FUTURE DINNER/MEETING PROGRAM DATES

OCTOBER 21	2020
NOVEMBER 18	2020
DECEMBER 16	2020
JANUARY 20	2021
FEBRUARY 17	2021
MARCH 17	2021
APRIL 21	2021
MAY 19	2021

Notices of any ASNE TW canceled or rescheduled events will be posted to our [website](#).



CHAIR'S LETTER TO THE MEMBERSHIP

SECTION OFFICERS

Chair: Andy Vasquez
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Vice Chair: Vincent Janowiak
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Secretary: Andi McCusker
630-4173 // amccusker@fairleadint.com

Acting Treasurer: Charlie Pfeifer
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SECTION COMMITTEES

Arrangements & Newsletter: David Jarvis
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FMMS 2020: Charlie Pfeifer
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FMMS 2020: Jessica Galassie
(Section Councilor 2019)
(609) 668-1797 // galassie@gmail.com

MegaRust: Dave Zilber
(Section Councilor 2018)
266-2193 // djzilber@gmail.com

Membership Chair: Jamie Ray
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Newsletter: Andi McCusker
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Programs Co-Chair: Mike D'Amato
226-1114 // michael.damato@hii-tds.com

Programs Co-Chair: Vince Janowiak
534-1904 // vincent.janowiak@hii-tds.com

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(Section Councilor 2020)
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(Area code 757 unless specified)

Greetings Naval Engineering Professionals and Friends,

We are hoping all is well with you during these rather trying times and the restrictions brought on by COVID-19. We are excited to inform you the Tidewater Section is planning our first dinner/meeting program to be a virtual *and live* event, as we begin to provide our members a more normal routine! Of course the live portion of the evening will adhere to all health and safety guidelines.

Our first dinner/meeting program is scheduled for Wed, October 21st. It will have limited seating (40 individuals) and ample spacing between individuals at each table. For those who prefer to join the evening virtually, there will be the ability to join the program portion of the event via the Microsoft Teams platform (see [page 4](#) for details). We are working with the hotel to maintain proper social distancing protocol. Our ASNE President **Mr. Mark Hugel** will kick off our season and bring those great words of wisdom on the state of ASNE. We look forward to seeing those who can attend in person, and connecting with those who can attend virtually!

On [page 5](#) of the newsletter is an introduction to the ASNE ODU Student Chapter for academic year 2020-21. We are very excited to have these student leaders as part of ASNE, and will hopefully get to meet them at the upcoming dinner/meeting.

This week many of our members will be participating in the Virtual Advanced Machinery Technology Symposium (AMTS) October 7-8. Then November 16-17, ASNE's *live* Technology, Systems & Ships (TSS) symposium will be held at the Sheraton Pentagon City Hotel. Hopefully many of our members are already registered for these events!

As we continue to move forward with our programs and events, we will keep you informed of any new updates. Thank you for joining us!

Kind regards,

Andy

Andy Vasquez
ASNE TW Section Chair
ASNE.Tidewater.social@gmail.com



CALLING ALL MEMBERS!

ASNE Tidewater Leadership 2020-2021

The ASNE Tidewater leadership team is shaping up well for 2020-2021, but we have a few positions open!

Chair:	Mr. Andy Vasquez
Vice Chair:	Mr. Vincent Janowiak
Secretary:	Ms. Andi McCusker
Treasurer:	Open (Acting Treasurer: Mr. Charlie Pfeifer)
Arrangements:	David Jarvis
Awards:	Open
Fleet Liaison:	Open
FMMS:	Charlie Pfeifer and Jessica Galassie
MegaRust:	Dave Zilber
Membership:	Jamie Ray and Guy Zilber
Newsletter:	David Jarvis and Andi McCusker
ODU Liaison:	Mike Barkan
Programs/Events:	Mike D'Amato and Vincent Janowiak
Scholarships:	Ray Weber
Section Councilors:	Dave Zilber, Jessica Galassie, Pam Schools
Social Media:	Pam Schools
STEM Outreach:	Open
USCG Liaison:	Open
Website:	Lon Scofield and Andi McCusker



Increase Membership

We're always looking for brand new members! Please encourage your colleagues and friends to join ASNE and become part of our Society family. Please go [here](#) to join!

Attention U.S. Federal Government Employees and Active Duty Personnel:
Now's your chance to become a part of our Society!

See ASNE's Special Promotion now through 31 December 2020. [CLICK HERE](#)

Book Sale

Professional development books are available for purchase: *History of American Naval Drydocks* by Richard D. Hepburn \$23; *Naval Engineering & American Sea Power* by multiple authors \$19; and *Marine Casualty Response Salvage Engineering* \$55. If interested, contact Joe Yurso; jjurso2@cox.net.

Portsmouth Shipyard CO Cup



Joe Yurso took a selfie with his new Portsmouth Naval Shipyard Commanding Officer mug from **RDML Bill Greene**. Admiral Greene sent it to Joe because they share the title of CO of PNS. Admiral Greene wanted to present it to Joe in person, but then COVID happened, so he mailed it to him. The mug has Joe's Commanding Officer designation of "73rd Commander." This was a very nice gesture on the part of Admiral Greene in support his fellow CO!



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ASNE TW'S DINNER/MEETING PROGRAM BEGINS OCT 21, 2020!

The ASNE TW Section is very excited to announce we will start the 2021 Dinner Program season off on Wednesday, 21 October with a hybrid live/virtual dinner meeting. We will host a live dinner gathering at Holiday Inn Virginia Beach – Norfolk, 5655 Greenwich Rd, Virginia Beach. Our National President, Mr. Mark Hugel will present a 'state of ASNE' presentation with the impacts of COVID-19 and the successes/challenges realized during recent symposia events.

In order to implement the proper health safeguards, the live dinner event will be capped at 40 persons on a first-come, first-serve basis. Seating for dinner will be appropriately spaced and masks will be required at all times unless seated for dinner. The timeline will be as previously set: 5:30 to 6:00 PM - social, gathering and check-in (lobby bar is open!); 6:00 to 7:00 PM – prayer, dinner and announcements; 7:00 to 8:00 PM – dinner, questions and adjourn.

We will also host the virtual portion of the dinner using Microsoft Teams. For those that choose this option, we will start the Microsoft Teams portion at 6:45 PM in order to allow 15 minutes for gathering. Here is a [LINK](#) to the virtual meeting. Everything from 7:00 to 8:00 PM will be on Microsoft Teams as it is live. In order to reduce the churn of managing a virtual event, this will be receive only for the participants; no questions will be taken from the virtual audience.

Even though ASNE TW and the hotel are taking all recommended health & safety precautions as put forth by the city and State of VA, live dinner attendee's assume all risk and liability.

Place: [Holiday Inn Virginia Beach - Norfolk at 5655 Greenwich Road, Virginia Beach](#)

Time: 5:30 - 6:00pm Cocktails and Networking; 6:00 - 8:00pm Dinner and Program

Cost:

- Virtual attendance: no cost for the [MS Teams Meeting](#)
- Student ASNE members: \$10 in advance / \$15 at the door
- Members: \$28 in advance; \$30 at the door
- Student non-members: \$15 in advance / \$20 at the door
- Nonmembers: \$33 in advance; \$35 at the door

Register and pay in advance at <https://asne-tw.org/events>. Please RSVP online by noon Tues, Oct. 20, 2020.

Rear Admiral Mark Hugel, USN (retired) was commissioned in 1977 after earning a Bachelor of Science degree in Systems Engineering from the United States Naval Academy. He was accepted by Admiral Rickover into the Navy Nuclear Propulsion Program and was subsequently assigned to sea tours in nuclear powered aircraft carriers and a guided missile cruiser. Early in his Navy career, he was designated a Surface Warfare Officer and, eventually, he became a Navy Engineering Duty Officer. In 1992, Mark completed his graduate education at the Massachusetts Institute of Technology, earning a Master of Science degree in Naval Architecture and Marine Engineering, and a Master of Science degree in Mechanical Engineering.

He served in acquisition, shipbuilding and ship maintenance tours in Newport News, Virginia and Norfolk Naval Shipyard, Portsmouth, VA. In his third tour of duty at Norfolk Naval Shipyard he became the 100th Shipyard Commander.

After promotion to Flag rank, he served on the Chief of Naval Operations staff in the Pentagon, and his last active duty assignment was as Deputy Commander for Logistics, Maintenance and Industrial Operations at the Naval Sea Systems Command, where he oversaw more than 26,000 civil service employees in the nation's shipyards. After retiring from the Navy in 2009, he returned to Portsmouth and began his employment with CACI International, Inc. where he was selected to lead CACI's Norfolk, Virginia office. During his tenure at CACI, he has been the Senior Vice President managing Navy logistics, and subsequently the company's entire Logistics and Material Readiness market.

He and his wife, Luana, built their first home in Portsmouth in 1986 and returned there when he retired from the Navy in 2009. In 2016, they moved to their current home in the Sterling Point section of Churchland. Mark represents Portsmouth on the Tidewater Community College Board of Directors and is also a board member of The Up Center.





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WELCOME ODU STUDENTS TO ASNE TIDEWATER!

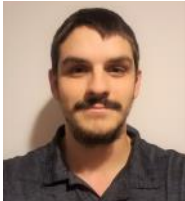
We are very excited to welcome new officers and leadership to the ASNE Tidewater Section for the 2020-2021 academic year! The students are advised by ODU Associate Professor **Dr. Vukica Jovanovic** (pronounced Yovanovich), Ph.D., Department of Engineering Technology (pictured). The ASNE Tidewater ODU liaison is **Mike Barkan**, assisted by **Joe Kosteczko**, Program Manager—Digital Shipbuilding, Virginia Modeling, Analysis and Simulation Center (VMASC), ODU.



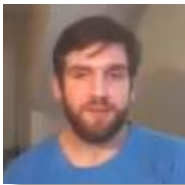
Below is an introduction to the ASNE ODU Chapter student officers for the 2020-21 Academic Year:



Neil St. Clair is President of the ASNE ODU Chapter and a senior at Old Dominion University. He is a Mechanical Engineering Technology Major with a concentration in Nuclear Systems. He also has a minor in Engineering Management. Currently Neil is in search of an internship. In his spare time he enjoys watching and playing sports, basketball and golf in particular.



Ryan Brooks is Vice President of the ASNE ODU Chapter. Ryan is a senior at Old Dominion University pursuing a Bachelor of Science in Mechanical Engineering Technology with a minor in Motorsports Engineering. Ryan will be graduating in the fall semester of 2020. He is certified in automotive Air Conditioning systems and currently works at Firestone Complete Auto Care as a Senior Technician and Safety Coordinator. Ryan is currently in a search for his future career.



Larry Price is Secretary/Treasurer of the ASNE ODU Chapter and a senior at Old Dominion University. Larry is an Electrical Engineering Technology Major with a concentration in Mechatronics.



Danijela Celar is Social Chair of the ASNE ODU Chapter. Danijela is a senior in the Department of Mechanical & Aerospace Engineering and works in a Co-Op at Newport News Shipbuilding. Danijela is pictured receiving the award for best undergraduate poster at ASNE Day! Danijela enjoys mentoring girls in Engineering at Granby High School.

The ASNE ODU Student Chapter has their own [website](#) containing student project information. Their most recent project was for ASNE's Promoting Electric Propulsion (PEP) for Small Craft program. The goal of this educational and competitive program is to foster the development of electric boats in the United States. The teams are granted up to \$7,000 to design and construct an electric-powered boat that can compete in a five-mile race. With the current COVID-19 conditions, the teams had to connect virtually as they worked with design software and shared analyses, and could not actually construct the boat. They anticipate next year's seniors will complete the project. You can view their ODU ASNE PEP 2020 Team Senior Design presentation [here](#).



We are very excited and grateful to have these students involved in the ASNE ODU Student Chapter this year and look forward to hearing from them soon!



American Society of Naval Engineers Tidewater Section

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VIRTUAL FMMS 2020 RECAP

ASNE's Fleet Maintenance & Modernization Symposium (FMMS) 2020 Goes Virtual!

Due to COVID-19 mandated social gathering meeting restrictions, ASNE was left with no choice but to transition our live face-to-face East Coast FMMS into a Virtual Symposium.

The FMMS Committee got VERY busy and created a three-day agenda that included senior military keynotes, industry speakers, panels, live Q&A sessions, along with technical paper presentations. Best of all, there was a Virtual Exhibit Hall with networking opportunities!

Our FMMS Committee Chairman, **Charlie Pfeifer** was very impressed, "THIS WAS THE BEST EVER VIRTUAL FMMS WE HAVE HAD!" Of course, this was the *first* ever virtual FMMS, and there are certainly lessons learned, but overall, it seemed to be a very successful event and Charlie (and all committee members) were extremely appreciative of those members who participated, exhibited, spoke, hosted, and/or sponsored!

Other comments received ...

"I just wanted to provide a quick 'thank you' note for your helpfulness in navigating the Boomset platform and for the overall professionalism associated with the first 'virtual' FMMS program. Very impressive – I applaud the efforts of the entire ASNE team."

"Great job Charlie in leading the best ever virtual FMMS and great job to the planning committee and to the HQ staff who pulled it all together! Well done all!"



Going Virtual Sep 14-17!





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VIRTUAL MEGARUST 2020 RECAP

ASNE transitioned West Coast MegaRust 2020 into a Virtual Symposium! They were encouraged to wear their favorite Hawaiian shirt, grab their computer, and join the American Society of Naval Engineers September 1-2 for a Virtual MegaRust!

The busy two-day agenda included industry speakers, panels, technical paper presentations, live product demos and Q&A sessions. Our virtual conference platform allowed networking opportunities with live sessions, the ability to directly chat or video one-on-one with other attendees, download technical papers and presentation slides, and reconnect with the corrosion community.



Due to COVID-19, Corrosion Jeopardy had to be done virtually this year, but it was still a blast! We were able to incorporate the annual Beer Tasting event (virtual) with Corrosion Jeopardy. We had participants chiming in to challenge the group for their chance to Capture the title of Corrosion Jeopardy Champion for 2020. With over 45 minutes of competition and some tough questions, the winner of Final Jeopardy was **Mr. Nick Bankus** from NUWC Keyport! Congratulations Nick on capturing the title for MegaRust 2020 Corrosion Jeopardy Champion!



Thanks to the outstanding efforts of ASNE Headquarters staff **Mike Briscoe**, **Madeline Foresman**, and the MegaRust Coordinator **John Mangano**, and the cooperation of **Scott Buchanan**, and our own “Alex Trebek” **Mr. Andy Vasquez**.

We look forward to next year’s event in Virginia Beach!





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ASNE's UPCOMING 2020 EVENTS

ASNE will proceed as planned with safety as a top priority for all members and attendees of upcoming events. ASNE is monitoring health and safety concerns surrounding COVID-19. Please note any program or schedule changes in **red print**.

Please visit www.navalengineers.org to register today!

Virtual Advanced Machinery Technology Symposium (AMTS)

Event Date: **Rescheduled to October 6-7, 2020!**

Learn more at:

<http://www.navalengineers.org/Symposia/AMTS2020>



Advanced Machinery Technology Symposium

GOING VIRTUAL: October 6-7, 2020

Technology, Systems & Ships (TSS)

Live event date: **Rescheduled to November 16-17, 2020!**

Event venue: The Sheraton Pentagon City Hotel (Marriott | Bonvoy), 900 S Orme St, Arlington, VA

Learn more at:

<http://www.navalengineers.org/Symposia/Technology-Systems-and-Ships-2020>



ASNE TECHNOLOGY, SYSTEMS & SHIPS

Coming IN-PERSON to Arlington, VA November 16-17, 2020