



**SNAME**  
THE INTERNATIONAL COMMUNITY FOR MARITIME AND OCEAN PROFESSIONALS



(l to r): Liz Bouchard, Executive Director, SNAME, and John Thackrah, President, Elomatic USA, Inc., signing a MoU on collaboration (story on Page 2).

# SNAME NEWS

April 2026

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## FROM MOMENTUM TO BOTTLENECKS: THE NEXT CHALLENGE FOR MARITIME



Over the past few months, we have talked about progress you can't always see. We've talked about the frustration that many of us are feeling due to the lack of progress, and finally the excitement with the emergence of a real strategy through the promulgation of the Maritime Action Plan. Taken together, those

conversations point to something important: We are no longer waiting for direction. We have it.

But having direction and making progress are not the same things. Anyone who has ever taken a ship off the dock knows that the moments of getting underway are often the most delicate part of the entire voyage. Lines are cast off, engines are engaged, and there is a sense of momentum, but you are also operating in tight quarters, with limited margin for error. The water may be shallow, traffic may be close, and conditions may not be fully in your control. It's a phase where things can move forward or come to a very abrupt stop.

That's where our industry finds itself today. Yes, the conversation has shifted. We are no longer asking what should be done; we are beginning to confront what could slow us down. And we all know that there are some very real constraints ahead.

Workforce capacity remains one of our most immediate challenges. It is not simply a question of numbers, but a lack of experience, training, and the time required to develop both. At the same time, shipyard capacity, supply chain limitations, and regulatory processes all have the potential to create friction at exactly the moment when we are trying to accelerate.

None of this should surprise us. In fact, it reflects the reality of any complex engineering and industrial system. Momentum is not just created by applying more power – it is sustained by removing any obstacles in the way.

This is where the role of our engineering community becomes even more critical. The work being done within SNAME – Technical & Research panels, Section meetings, and our other professional forums – is not just theoretical. It is where practical solutions to these bottlenecks are identified, tested, and refined. It is where experience meets emerging demand, and where constraints are turned into manageable challenges.

If the past few months have been about our industry building forward momentum, then the months ahead will be about navigating the constraints. The good news is that this is exactly what our profession is built to do. After all, any captain can plot a course in open water, but it takes a skilled team to bring a ship safely out of the harbor. That's what SNAME does; let's make sure we're ready!



**Rich Mueller**

President

[president@sname.org](mailto:president@sname.org)

## FROM THE EXECUTIVE DIRECTOR



*Elizabeth Bouchard*

### **PARTNERSHIP IN ACTION: MOU SEALS STRATEGIC COLLABORATION**

I am pleased to share that SNAME and Elomatic USA Inc. have formalized a strategic collaboration through a newly signed Memorandum of Understanding (MoU). This partnership represents a purposeful investment in the future of U.S. shipbuilding industry, aligning complementary strengths to advance innovation, competitiveness, and long-term sustainability.

The MoU establishes a framework for global engagement. It leverages Elomatic's leadership in emerging technologies, design, and production innovations, alongside SNAME's global academic and professional network. Together, Elomatic and SNAME can accelerate knowledge exchange, workforce development, and industry-wide progress.

### **WINTER MEETING – GREAT LAKES AND GREAT RIVERS SECTION**

I was delighted to participate in the SNAME Great Lakes and Great Rivers (GLGR) Winter Meeting, held 8–9 April in Cleveland, Ohio.

The meeting featured a panel on the state of Great Lakes Fleet and shipbuilding, as well as informative technical presentations about drydocking and WWII submarines, among other topics. It was wonderful to learn that our GLGR professional section provided financial support that enabled SNAME University of Michigan students to attend the meeting.

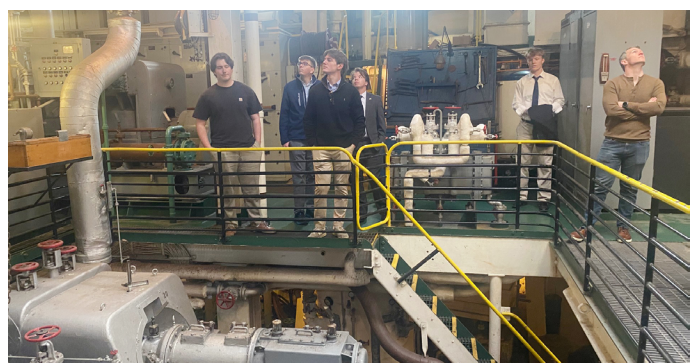
The GLGR Executive Committee's healthy discussion of succession planning was also impressive.

A highlight was the mentoring session with students from the Davis Aviation and Maritime High School, which involved breakout sessions with mentors and students. My table partner, Rich Mueller, and I encouraged the students we met with to pursue their passions and tried to expose them to the broad range of opportunities within the maritime industry.

Congratulations to our GLGR Section on hosting such a successful meeting.



*University of Michigan students touring the SS William G. Mather, a storied Great Lakes bulk carrier now restored as a museum ship in Cleveland, Ohio.*



*Students check out the engine room of the SS William G. Mather.*

## A SPECIAL NIGHT: UNIVERSITY OF NEW ORLEANS SENIOR DESIGN NIGHT



*University of New Orleans Student Design Night*

Kudos to the SNAME Gulf Section for hosting a special night for the 2026 graduates from the University of New Orleans (UNO) Boysie Bollinger School of Naval Architecture and Marine Engineering. Surrounded by friends, family, and industry representatives, the UNO Class of 2026 presented their capstone projects at the New Orleans Yacht Club on 17 April.

The night epitomized SNAME’s core mission of advancing the art, science, and practice of naval architecture and marine engineering. After enjoying a generous buffet of Southern cooking, the students presented their marine design projects with confidence.

The projects were unique and covered five different vessel types: fast crew boat, river pilot boat, icebreaker, autonomous catamaran, and research vessel. During the question-and-answer sessions, the professionals in the audience encouraged the students to think about aspects of their projects not originally considered and to explain their rationale for their design features. It was through this back-and-forth exchange that learning continued for all.

The night was capped with socializing and celebratory congratulations. It was gratifying to participate in an event where parents beamed and students marked a milestone, knowing that this event, with nearly 100 participants, was made possible by SNAME’s professional members and industry sponsors.

## SNAME ALL-HANDS WORKDAY

On 31 March, staff at SNAME Headquarters celebrated a two-year effort to organize records, CDs (yes, compact disks), and publications that had originally been kept in a garage storage unit. We have now concluded the heavy lifting, and document scanning is underway.




*Tosh Arimura and Nina Hailemariam*



*Tosh Arimura, Chris Volciak, Rich Delpizzo, and DeeDee Dalton*



*Tosh Arimura, Nina Hailemariam, and Rich Delpizzo*

 **Elizabeth Bouchard**  
Executive Director  
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# MEMBERSHIP

## CONGRATULATIONS TO GRADUATE SCHOLARSHIP RECIPIENTS

Twelve SNAME members with outstanding academic credentials, marine-related professional experience, active participation in SNAME activities, and engagement in extracurricular activities have been selected to receive graduate scholarships for the 2026-2027 academic year.



The William M. Kennedy Graduate Scholarship

**Andrew Kerst**  
Massachusetts Institute of Technology



The Frederick H. Todd Graduate Scholarship

**Lyn Tran**  
University of Michigan



The Arthur J. Haskell Graduate Scholarship

**Sean Mooney**  
University of Michigan



The Donald L. Blount Memorial Scholarship

**Federico Franciosa**  
Virginia Tech



The Walter M. and Doris H. Maclean Graduate Scholarship

**Carli Hansen**  
University of Michigan



The Chester L. Long Graduate Scholarship

**Junming Fei**  
Stevens Institute of Technology



The Alan C. McClure Graduate Scholarship

**Nicholas Ratinaud**  
INSEAD



The John V. Wehausen Graduate Scholarship

**Eli Paul Willett**  
Virginia Tech



The David A. O'Neil Graduate Scholarship

**Kyle Murphy**  
Georgia Tech



The Thordon Bearings Graduate Scholarship

**Ioannis Papakalodoukas**  
Massachusetts Institute of Technology



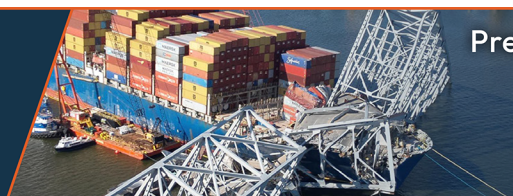
The Wilbur N. Landers Graduate Scholarship

**Andrew Pintar**  
University of Michigan



The Tommy L. Richards Graduate Scholarship

**Anindya Mukherjee**  
TU Delft



# CONGRATULATIONS TO SNAME'S SPRING 2026 FELLOWS

Eight SNAME Members with outstanding personal contributions to naval architecture, marine or ocean engineering, or allied disciplines, with at least ten years of active practice, have earned the honorific designation of SNAME Fellow.

The eight professionals to join the long and prestigious list of SNAME Fellows are:



**Kostas A. Belibassakis**  
National Technical  
University of Athens  
Greek Section



**Mark Keneford**  
Wärtsilä Canada, Inc.  
Eastern Canadian  
Section



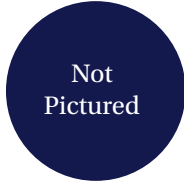
**Fred M. Koller**  
Bay Engineering, Inc.  
Gr. Lakes/Gr. Rivers  
Section



**Won Ho Lee**  
DNV  
Texas Section



**Constantine Philip Manoudakis**  
Devore Marine Inc.  
Greek Section



**James D. Sharrow**  
Retired  
Gr. Lakes/Gr. Rivers  
Section



**Nickolas Vlahopoulos**  
University of Michigan  
Gr. Lakes/Gr. Rivers  
Section



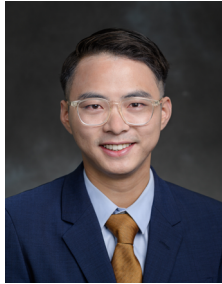
**Sean P. Walsh**  
Retired  
Hampton Roads  
Section

For the full list of SNAME Fellows, go to: <https://www.sname.org/fellows>

The deadline for nominations for the next review cycle for the SNAME Fellows Program is 15 July. For more information and the nomination application, go to: <https://www.sname.org/form/fellows-nomination-form>.

## UNDERGRADUATE SCHOLARSHIPS

Interested in an undergraduate scholarship? Don't miss the deadline for this round of applications. They are due on **1 June 2026**.



## CONGRATULATIONS TO DR. JIA MI

SNAME member Dr. Jia Mi, Assistant Professor in Ocean Engineering at Stevens Institute of Technology, was selected as an OTC Emerging Leader together with eight other young professionals from the offshore energy sector. Dr. Mi joined SNAME as a student in 2023 and is now a member of the New York Metropolitan Section. The Emerging Leaders Program recognizes young professionals with fewer than 10 years of experience in the offshore energy sector. For more information on the program, visit the dedicated [webpage](#).

## SNAME'S MENTOR-FOR-A-DAY PROGRAM AT POSIDONIA

SNAME is again organizing the Mentor-for-a-Day (MFAD) Program during the International [Posidonia](#) exhibition, which is being held 1- 5 June in Athens, Greece. MFAD aspires to fill the gap between students, recent graduates, professionals, and exhibiting companies by bringing them together to walk around the expo hall or answering one-on-one questions.

If you are a student or a recent graduate, this is your opportunity to develop a broader perspective on career options and opportunities, have access to senior role models, and become empowered through personal and professional development.

If you are a seasoned professional, you can now impart your knowledge to future colleagues by acting as a Mentor.

The MFAD Program is scheduled to run during expo hours from Tuesday, 2 June, to Friday, 7 June; sessions will be two hours.

- ▶ Sign up to be a [Mentee](#).
- ▶ Sign up to be a [Mentor](#).

The deadline for sign-up is 22 May.

## IN MEMORIAM

We are saddened to inform you of the passing of a member of our SNAME community. Jerry Neal Selness passed away peacefully with his immediate family by his side on March 16, 2026, in San Diego. Please click [here](#) for his obituary, funeral arrangements, and ways in which you can share your condolences.



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**Tosh Arimura**  
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## MEMBER PROFILE: DR. LAMBROS KAIKTSIS



Longtime SNAME member Dr. Lambros Kaiktsis, a native of Greece, is living out a new career chapter teaching in Qatar at the University of Doha for Science and Technology (UDST).

An academic and researcher with more than 25 years of professional experience in academic and research institutions as well as the engineering industry, Kaiktsis is now a professor leading the UDST Department of Marine Engineering, a position he took in 2023.

Kaiktsis earned his undergraduate degree in mechanical engineering from the Aristotle University of Thessaloniki in Greece. He later earned a Master of Science degree in mechanical and aerospace engineering from Princeton University in the United States and a Ph.D. in mechanical and process engineering from ETH Zurich, a public university in Switzerland that primarily focuses on research in science, technology, engineering, and mathematics.

Kaiktsis' primary research and professional focus throughout his career has been thermofluids, i.e., flow and combustion processes, with an emphasis on simulation-based approaches.

His background includes spending two decades as a faculty member in the School of Naval Architecture and Marine Engineering at the National Technical University of Athens (NTUA) and academic work at ETH Zurich. He co-founded ShipReality, a software company that develops advanced tools for the shipping sector and has also consulted for Wartsila Switzerland, now operating as WinGD (Winterthur Gas & Diesel).

At UDST, Kaiktsis has been instrumental in the establishment of the Department of Marine Engineering; the department's first cohort of students is expected to graduate in the summer of 2027.

Despite relocating to a country that doesn't have a large SNAME presence, Kaiktsis continues his involvement with the Society and is currently guiding the local student community toward establishing a SNAME Student Section at UDST. "Throughout my career, particularly during my time at the National Technical University of Athens, the activities of the SNAME Greek Section were an important source of insight, helping me to better understand and stay current with the developments in the field," he says.

Kaiktsis feels a responsibility to encourage colleagues, especially students, to engage with SNAME and benefit from the same opportunities he has had. Telling others about SNAME is a way of giving back to the community that has contributed so much to his professional development.

Students at UDST are still developing an understanding of the value and opportunities a Student Section can bring, so he is working to build that understanding. Kaiktsis says that seeing students develop professionally, broaden their horizons, and begin to realize their professional prospects is very rewarding. When he looks back at his career, Kaiktsis views his most important accomplishment so far as his "contribution to the education and development of students, particularly those I have supervised in thesis projects at the undergraduate, Master's, and PhD levels."

When he is not working or volunteering, he enjoys spending time with family and friends.

SNAME is grateful to Lambros Kaiktsis for his years of education leadership, his student support and mentoring, and his championing of the Society.

## NEW & RETURNING MEMBERS MARCH 2026

### JOIN US IN WELCOMING:

**Kaushal Ahuja**, Rainhouse Manufacturing  
Canada Ltd.

**Todd Allen**, Friede & Goldman

**Sohail Ansari**, Texas A&M University, Galveston

**Enisanur Bali**, Piri Reis University

**Vamsi Boddeti**, TAI Engineers LLC

**Christos Boutos**, Innovative Marine Services P.C.

**Neydi Castelan**, Universidad Veracruzana

**Alan Cousens**, Massachusetts Maritime Academy

**Victor Cusumano**, US Nuclear Regulatory  
Commission

**Kyle Dana, Leidos**, Gibbs & Cox

**Ayush Deep**, Indian Maritime University

**Sara Desgarenes**, Universidad Veracruzana

**Matthew Devine**, University of Michigan

**Madhulika Dey**, Texas A&M University, College  
Station

**Alexander Eidsvik**, TAI Engineers, LLC

**Diego Enriquez**, Universidad Veracruzana

**Timothy Gallagher**, Tortuga Robotics

**Tara Gnanadesikan**, Texas A&M University, College  
Station

**Mariano Gomez**, UTN FRBA

**Joey Greenwell**, Dometic Marine

**Todd Grove**

**Danial Haris**, Universiti Teknologi Malaysia

**Muhammad Harun**, Universiti Teknologi Malaysia

**Farah Hashim**, Universiti Teknologi Malaysia

**Jeffrey Hough**, Retired

**Everett Huntington**, Tridentis, LLC

**Efe Kivilcim**, Piri Reis University

**Stephen Koch**, Alan C. McClure Associates, Inc.

**Dosoo Kwon**, Texas A&M University, College Station

**Ben Landgren**, PerformanSea

**Kieran Larkin**

**Lucy Lively**, Texas A&M University, Galveston

**Juliet Lovelace**, Stevens Institute of Technology

**Hunter Ludovicy**, Webb Institute

**Evelyn McGregor**, Robert Allan Ltd.

**Ziv Melamed**

**Francis Morey**, FM Maritime LLC

**Madison Murphy**, United States Coast Guard Academy

**Karla Mutterstein**, Blue Wave Maritime

**Farnaz Nasirianbehforouz**, Vancouver Shipyards/  
Seaspan

**Nuratiqah Noordin**, Universiti Teknologi Malaysia

**Maya Noren**, University of Michigan

**Anna Olsen**, University of Michigan

**Cesar Ortiz**, Universidad Veracruzana

**Gulcin Ozdemir**, DFDS Denizcilik ve Tasımacılık A.S.

**Nick Parkyn**, Nick Parkyn-Design

**Elif Pitirli**, Memorial University of Newfoundland

**Steven Polowy**, Mainstay Maritime

**Lynda Porcaro**, Bird-Johnson Propeller Company

**Bruce Quinton**, Memorial University of Newfoundland

**Isabella Rivera**, United States Coast Guard Academy

**Jonathan Soja**, United States Coast Guard Surface Forces  
Logistics Center

**Georgios Stratis**, National Technical University of Athens

**Ashik Subahani**, Sea Delta Marine & Offshore

**Hung Tran**, Massachusetts Maritime Academy

**Brandon Vazquez**, Universidad Veracruzana

**Raul Velazquez**, Universidad Veracruzana

**Dario Vucinic**, Remazel Engineering

**Clifford Whitcomb**, Cornell University

**Vera Wong**, Universiti Teknologi Malaysia

**Goksel Yurdakul**, Istanbul Technical University

## LEARN FROM YOUR FELLOW SECTIONS!



### HIGHLIGHTED WEBINARS FROM MARCH 2026

Access to the SNAME Webinar Library is free to all active members. The following is a selection of recent virtual events presented by sections around the world.

#### **Engineering Principles and Applied Marine Modeling**

**Speaker:** Yusuf Umut Köhrin

[Watch here.](#)

**Summary:** Presented by the SNAME Turkey Community. Designed for undergraduate students and early-stage engineers interested in naval architecture and marine engineering, this student-focused technical webinar aims to introduce key engineering principles and their practical applications in marine engineering. The session covers fundamental decision-making rules in engineering, applied marine modeling through a real case study, and an overview of long-term performance calculations used in industry.

#### **A Case Study for Application of Natural Language Processing (NLP) in Developing Fire Zone Arrangement**

**Speaker:** Reza Saadatmand

[Watch here.](#)

**Summary:** Presented by the SNAME Canadian Pacific Section. Artificial Intelligence is expected to play an increasingly important role in the future of ship design by assisting engineers in analyzing large datasets and automating complex design tasks. This presentation demonstrates the application of Natural Language Processing (NLP) and machine learning to automatically classify ship compartments according to SOLAS fire risk categories.

#### **Watercraft and Vessel Engineering (WAVE) program associated with the University of West Florida**

**Speaker:** Dr. Michael Reynolds

[Watch here.](#)

**Summary:** Presented by the SNAME Gulf Section. The WAVE program started in 2025 with a \$3.2 million grant from Triumph Gulf Coast. The program has three major focus areas:

- ▶ Perform fundamental research in watercraft and related fields by connecting UWF faculty and students to research infrastructure.
- ▶ Support the emerging WAVE-related economic development on the Northwest Florida coastline through manufacturing, training, consulting, and applied research.
- ▶ Equip students for careers in water and vessel engineering through coursework, laboratories, and connections to industry.

**FOR MORE WEBINARS, VISIT THE SNAME WEBINAR LIBRARY [HERE](#).**

## STUDENT SECTION SPOTLIGHT: THE APPRENTICE SCHOOL AT NEWPORT NEWS SHIPBUILDING



Training and developing the next generation of shipyard leaders is the mission of The Apprentice School at Newport News Shipbuilding (NNS) in Newport News, Virginia.

NNS, a division of Huntington Ingalls Industries (HII), has designed, built, and maintained more than 800 ships, including nuclear-powered aircraft carriers and submarines for the U.S. Navy. The shipyard's vast facilities span more than 550 acres along two

miles of waterfront on the James River. It is the largest industrial employer in Virginia, employing more than 26,000 people. SNAME is honored to have a Student Section at The Apprentice School, led by Chair Jessica Vehorn and Student Section Advisor Gary Forrester. This Student Section is under SNAME's Hampton Roads Section, led by Chair T.J. Brackin.

The Apprentice School is funded by HII and offers four- to five-year, tuition-free apprenticeships in 19 trades and six optional programs. Founded in 1919, the school has produced more than 11,000 graduates during its 100-year-plus history and has been accredited since 1982 by the Commission of the Council on Occupational Education.

The school was certified to grant associate degrees on its own in July 2020, after the school was approved by the State Council of Higher Education for Virginia to operate as a postsecondary institution. Graduates include approximately 3,100 current employees of NNS, who serve in capacities ranging from craftsmen to directors and vice presidents. Alumni comprise approximately 21 percent of salaried personnel and, when combined with active apprentices, make up approximately 11 percent of hourly personnel.

The school accepts more than 200 apprentices per year. Apprentices work a 40-hour week and are paid for all work, including time spent in academic classes. Each apprenticeship typically includes 7,000 hours of trade instruction and 1,000 hours of academic instruction (two days in the classroom; three days on the waterfront). Apprentices learn by doing, and they have the opportunity to see the results of their work. They also rotate periodically to different areas of the shipyard so that they can experience many different career options.

*Let us know if you would like to see your student section highlighted in a future newsletter – you can contact us via [education@sname.org](mailto:education@sname.org). We look forward to hearing from you!*

# STUDENT SECTION ADVISOR MEETINGS SPUR GREAT DISCUSSIONS

Increased engagement with student sections around the world is an important goal for SNAME Education in 2026. It's important to spread the word about the many benefits SNAME offers students, such as grants, scholarships, awards, and engagement with our professional members (such as through the many panels of our Technical and Research Program).

In late March, SNAME Education held the first quarterly Student Section Advisors meeting for 2026. To better accommodate our many Sections, we held separate meetings for the Eastern and Western Hemispheres. At least a dozen universities and colleges attended, as well as the Education Committee Chair, the Functional Vice Presidents for Membership and Education, a past SNAME President, and a long-time SNAME representative for Western Europe.

Agenda topics ranged from an overview of past student events, a quick look at SNAME Student Section benefits, potential new Student Sections, upcoming deadlines for scholarships and grants, and the upcoming Student Section survey. The meeting ended with an open forum, where we asked: "How can we help you? What would you like from your Society?"

We got many great answers, and we would like to hear from all of you. Contact SNAME Education either through your local Section Chair, or directly through [education@sname.org](mailto:education@sname.org). We look forward to hearing from everyone.

Thanks to all the advisors who attended the meetings – please continue to participate. Let's all help each other to make our Student Sections the best they can be!



## CAPSTONE DAY AT THE UNITED STATES NAVAL ACADEMY



Each year, the Midshipmen at the U.S. Naval Academy (USNA) in Annapolis, MD, invite industry to review the capstone projects of students due to graduate with their naval architecture degrees.

This is an informal event where industry provides input before the formal capstone event held at the end of April. The review is organized by USNA Associate Professor Jaye Falls, Ph.D. Students present conceptual designs for a light amphibious warship, a Malaysian Navy corvette, a family sport fisher, a hospital ship, a low-emission passenger ferry, and two autonomous vessel designs.

This year, the event was held on 8 April. The students' concept design efforts were excellent, and the presentations were conducted professionally. Of special note was the extent to which the students immersed themselves in the communities and environments where their designs would be used. They considered a variety of design criteria, including human factors, interoperability, and economic considerations. The Midshipmen left the audience impressed by their considerable efforts and encouraged by the collective talent soon to join our profession.

Congratulations to the U.S. Naval Academy on a successful event and the impressive naval architecture class of 2026!

# WEBB INSTITUTE COMPETES IN MARINE ENERGY CHALLENGE



*The Webb MECC Team in front of Webb Institute's Flow Channel.*

Webb Institute, a Glen Cove, New York-based school focused on naval architecture and marine engineering, has been participating in the Marine Energy Collegiate Competition (MECC) for the past five years. Its team members range from freshmen to seniors.

MECC, a nation-wide event, draws more than 30 institutions, including Cornell, Stanford, and the University of Michigan; Webb Institute placed third in last year's competition. Participants are tasked with designing and testing a marine energy device while analyzing the feasibility of the device on a large scale. Alongside the technical work, the team's goal is to spread enthusiasm about marine energy to K-12 students and maritime industry leaders alike.

The final presentation for this year's competition takes place between 18 and 21 May.

## LOOKING TO THE FUTURE

Many of the members on the Webb MECC team are Student Members of SNAME, and this year, the team is using its background in naval architecture and marine engineering to produce a design that combines renewable, marine energy, and ship design.

Webb's team decided to pursue the development of a vortex-induced vibration (VIV) device. The Build and Test Division of the team was tasked with constructing a scaled model to test in Webb Institute's Flow Channel, where they are using various configurations of the design apparatus to optimize the power output of the system.

The Business Division has been exploring how to apply the VIV to a specific use case. The team decided that the design would be used to produce electricity to directly power reverse-osmosis (RO) generators. This water generation system is intended for areas prone to hurricanes. To bridge the gap between design and development, the team is engaging with potential end users to better understand the practical considerations around deploying clean energy devices in real environments.

The Technical Division is focusing on the scalability and practical deployment of the VIV design. The team is engineering a barge capable of mounting the VIV and RO generator system. This would allow the system to mobilize where aid is needed after natural disasters and be self-sustaining if land infrastructure is inaccessible. Furthermore, the team is using the experimental data from the Build and Test team to prove that the design can be implemented on a larger scale.

## COMMUNITY OUTREACH

Finally, there is an Outreach Team that has connected the entire team with industry experts in marine energy to guide the team's course of action. The outreach team has also spread marine energy awareness to local middle and high school students through community events. It will host Webb Institute's Engineering Day on 9 May and give specialized presentations to K-12 students focused on the future of marine energy and the maritime industry.

The Webb team is excited to finish up this year's design and begin working on the ideas that are already in the works for next year's project!



**Rich Delpizzo**

Education Director  
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## T&R FOR APRIL NEWSLETTER

### NEW WHITE PAPER EXPLORES NUCLEAR TECH

We all know the pressure the maritime industry is under. As regulations tighten, and the push for decarbonization gets real, we're all looking for the "magic bullet" that balances power with zero emissions.

We are excited to share a new white paper from our colleagues Harilaos Petrakakos, Chair of Panels M48 (now NP-1 Nuclear-Powered Ships), and Ioannis Chalaris, Chair of M-50 Alternative Fuels. R-60 *The Potential of Atomic and Fusion Energy in Commercial Shipping* isn't just a history lesson, though it does cover where we've been.

The report takes a hard look at the revitalized potential of nuclear tech – specifically Small Modular Reactors (SMRs), Molten Salt Reactors (MSRs), and the horizon-technology of fusion that is the holy grail of power. It's a candid assessment of where we stand. The report tackles the tough stuff: safety concerns, materials performance, and the regulatory hurdles we still need to clear for port access. If you're involved in vessel design or systems engineering, this is the insight you need to understand what the next generation of propulsion might look like sooner than later.

*The Potential of Atomic and Fusion Energy in Commercial Shipping* is a must-read – [download your copy now](#). The paper is free and well worth your time!

### NEW T&R PANEL CHAIRS

After our reorganization of the T&R program, several panels still needed leaders. I am happy to report that two of those panels now have chairs!

#### NP-2

Phil Malone now chairs Panel NP-2 *Floating Nuclear Power Plants (FNPP)*, a new panel providing a technical forum to support the development of deployable nuclear energy systems. FNPPs offer the ability to bring safe, clean nuclear power directly to the point of need by combining advanced small modular reactor concepts with shipyard-produced and maintained hulls.

This approach has the potential to address traditional nuclear cost challenges, enable centralized interim waste management strategies, and position the United States to leverage its long-standing leadership in nuclear innovation to develop a high-value maritime industry. The panel will explore all aspects of FNPP development, including design, construction, operations, and workforce considerations. For more information or to join NP-2, contact Phil at [phil.malone@corepower.energy](mailto:phil.malone@corepower.energy).

#### SD-11

Clay Spaulding now chairs Panel SD-11 *Autonomous Marine Vehicles*.

SD-11 covers all aspects of autonomous marine vehicles – surface and subsurface, large vessels and small, as well as multi-vehicle operations. For more information or to join SD-11, please contact Clay at [clay.spaulding@blw.ai](mailto:clay.spaulding@blw.ai).

Participation on T&R panels is an excellent way to contribute to our industry or learn about a particular technical subject. Over more than four decades, I have participated in many panels; the knowledge I have gained and the networks I have built through those panels has proved invaluable to my career. I urge all SNAME members to participate in the T&R program – if you are specifically interested in nuclear power or autonomous vehicles, you cannot do better than contacting Phil or Clay and joining their panels!



#### Rick Ashcroft

Technology & Research Director  
[rashcroft@sname.org](mailto:rashcroft@sname.org)

# PUBLICATIONS

## SNAME PUBLICATIONS GO DIGITAL

SNAME is embracing digital publishing to allow our readers to access content at their convenience in a secure format and at a reduced cost compared to hard copy versions.

Our transition to digitizing our current publications is a gradual process. Text and reference books that are now available in digital format include:

[Marine Engineering Series](#)

[Introduction to Practical Marine Engineering](#)

[An Introduction to Marine Materials and Structures](#)

Stay tuned as we proceed along this exciting path.

## WWII SUBMARINES

If you are a historian and have an interest in WWII submarines, check out our latest publication: *Plant Operation Aboard a WWII Submarine*. This new book, written by W.F. Danielson, P.E., explores the Gato Class and Balao Class submarines still in existence. It is available for purchase (\$15 for members; \$20 for non-members) in a digital format you can download from our website. Click [here](#) to learn more.



### BREE BOYD JOINS THE SNAME TEAM

Please join us in welcoming Breasia (Bree) Boyd as the newest member of our staff at SNAME Headquarters. Bree will serve as SNAME's Administrative Assistant for Publications and T&R. She holds an MFA in Creative Writing and Publishing Arts and has solid work experience in the industry, including at Bloomsbury Publishing. Please don't hesitate to contact Bree for your publication needs. She can be reached at [bboyd@sname.org](mailto:bboyd@sname.org) or by calling +1 (703) 278-3619.



# EVENTS

## UPCOMING GLOBAL INDUSTRY EVENTS:

- 4 - 7 May 2026 - [Offshore Technology Conference](#), Houston, TX
- 4 May 2026 - [SNAME and The Marshall Islands Registry Cocktail Reception at OTC 2026](#), Houston, TX
- 12 - 14 May 2026 - [Mari-Tech 2026](#), Victoria, BC
- 1 - 5 June 2026 - [Posidonia 2026](#), Athens, Greece
- 3 June 2026 - [INNOV'sail](#), Gothenburg, Sweden
- 9 - 11 June 2026 - [Green Marine's GREENTECH 2026](#), Québec, QC
- 23 - 24 June 2026 - [Marine Log's Ship Repair Conference 2026](#), Jacksonville, FL
- 1 - 4 September 2026 - [SMM](#), Hamburg, Germany
- 15 - 16 September 2026 - [The 9th International Symposium on Ship Operations, Management and Economics \(SOME 2026\)](#), Athens, Greece
- 14 - 16 September 2026 - [International Conference on Computer Applications in Shipbuilding \(ICCAS\)](#), Singapore
- 15 - 16 September 2026 - [SNAME Propeller & Shafting Symposium](#), Norfolk, VA
- 22 - 23 September 2026 - [Imagine Marine Conference](#), Ottawa, ON
- 29 September - 1 October 2026 - [SSI World Shipbuilding Conference 2026](#), Biloxi, MS
- 11 - 15 October - [25th WPC Energy Congress](#), Riyadh, Kingdom of Saudi Arabia
- 28 - 20 October 2026 - [SNAME Maritime Convention 2026](#), Houston, TX
- 10 - 11 November 2026 - [Marine Log's Ferries Conference & Expo](#), Seattle, WA
- 20 - 24 June 2027 - [International Marine Design Conference \(IMDC\) 2027](#), Cambridge, MA

## UPCOMING SECTION EVENTS:

- 29 April 2026 - [The National Security Multi-Mission Vessel \(NSMV\): Shipbuilding Simplified](#) - In-Person Event (Contact: Sandra Wyman, [sandrajwyman@hotmail.com](mailto:sandrajwyman@hotmail.com))
- 29 April 2026 - [Harnessing AI to Transform the Future of Shipbuilding](#) - Hybrid Event - [In-Person](#) / [Virtual](#) (Contact: Keith Lilley, [klilley@outlook.com](mailto:klilley@outlook.com))
- 1 May 2026 - [Introduction to ShipConstructor](#) - Virtual Event (Contact: Yousra Abdelhady, [yousra.anwar@gmail.com](mailto:yousra.anwar@gmail.com))
- 2 June 2026 - [The Greek Shipyard Renaissance: Rebuilding Capacity, Restoring Leadership](#) - In-Person Event (Contact: SNAME Greek Section, [snamegreeksection@sname.org](mailto:snamegreeksection@sname.org))
- 24 June 2026 - [Maritime Decarbonisation and the Low-to-Zero Carbon Fuel Challenge](#) - Hybrid Event - [In-Person](#) / [Virtual](#) (Contact: Keith Lilley, [klilley@outlook.com](mailto:klilley@outlook.com))

To include an event in SNAME's monthly newsletter, please email [events@sname.org](mailto:events@sname.org) by the 8th of the month.



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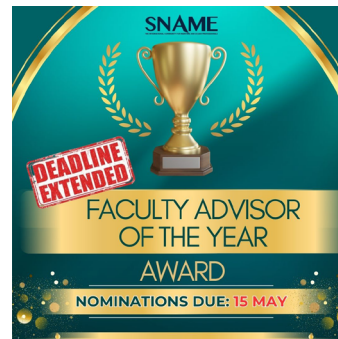


**Rachael Gass**  
Events & Digital Assets Manager  
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# SNAME IMPORTANT DEADLINES!



[SNAME Medals](#)  
New Deadline: 1 May



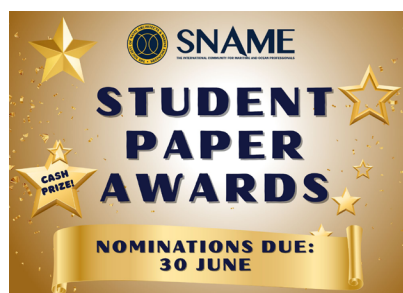
[Faculty Advisor of the Year Award](#)  
New Deadline: 15 May



Mentor for a Day Program  
Posidonia 2026  
[Mentor Form](#)  
[Mentee Form](#)  
Deadline: 22 May



[Undergraduate Scholarships](#)  
Deadline: 1 June



[Student Paper Awards](#)  
Deadline: 30 June



[Fellows](#)  
Deadline: 15 July

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