



# SNAME

THE INTERNATIONAL COMMUNITY FOR MARITIME AND OCEAN PROFESSIONALS

**SMC 2025  
IS ONE MONTH AWAY!**

**HAVE YOU REGISTERED YET?**

CLICK HERE TO JOIN US IN NORFOLK:  
[SMC HOME - SNAME MARITIME CONVENTION 2025](#)

 **SNAME**  
2025  
MARITIME CONVENTION  
OCTOBER 29-31  
NORFOLK, VIRGINIA

 **FAST**  
2025  
INTERNATIONAL CONFERENCE ON  
FAST SEA TECHNOLOGY



*(l to r): Nick Bradford (ABS), Liz Bouchard (SNAME), Jinwon Park (Hanwha Ocean), Haeyoung Jo (Hanwha Ocean),  
Minjoo Lee (Hanwha Ocean), Rich Delpizzo (SNAME)*

# SNAME NEWS

September 2025

## In This Newsletter

|                            |    |
|----------------------------|----|
| President's Corner .....   | 1  |
| HQ Update .....            | 2  |
| Membership.....            | 4  |
| Education .....            | 11 |
| Technology & Research..... | 13 |
| Publications .....         | 14 |
| Events .....               | 15 |
| Corporate Affiliates ..... | 20 |
| Careers.....               | 20 |
| Contact Us.....            | 21 |

## THE POWER OF CONNECTIONS



In my column last month, I encouraged all of us to sharpen our pencils and get involved as the SNAME program year began. This month, I want to focus on the why – the power of connections.

Whether you are a student member, a Young Professional,

or a seasoned veteran, I'm fairly certain that every one of us has a story about how a conversation, a meeting, or a chance encounter changed the trajectory of our careers. Maybe it was a mentor who gave you your first break. Maybe it was the subject of a technical paper that sparked a new project idea. Or maybe it was a colleague who opened a door for you that you didn't even know was there. The reality is that time and time again, these stories remind us that connections are not just a nice-to-have; they are the lifeblood of our professional lives.

At its heart, SNAME is about connecting people. That's how we share our knowledge. We connect students with seasoned professionals. We connect researchers with practitioners. We connect shipbuilders, designers, operators, and regulators.

These connections are what make us more than a society on paper – they make us a living, breathing community of members who drive our industry forward.

And here's the best part: You don't have to wait very long to experience the power of connections for yourself. The 2025 version of the SNAME Maritime Convention (SMC) is coming soon – October 29-31 in Norfolk, Virginia. We hope that you plan to be there! This gathering is our single biggest opportunity to meet face-to-face, share ideas, build new partnerships, and renew old friendships. If you've been thinking about getting more involved, there is no better place to start.

But don't just attend your next Section meeting or SMC conference. Make a conscious effort to connect. Reach out to someone you don't know. Offer to mentor a student. Be prepared to exchange ideas over a cup of coffee. When you do, you'll find that the true strength of SNAME lies not only in its knowledge and resources, but in the relationships that bind us.

I look forward to connecting with many of you soon.

Fair winds and following seas!



**Rich Mueller**

President

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



## FROM THE EXECUTIVE DIRECTOR

In the August issue, President Rich Mueller challenged us to “commit to making this SNAME season one of our most active and impactful yet.” While I am a bit biased, I think that SNAME HQ has gotten off to a solid start. Below are a few examples.

### HANWHA OCEAN VISIT TO SNAME HEADQUARTERS



I was pleased to welcome a delegation from Hanwha Ocean to SNAME HQ for a reception in early September. Hanwha Ocean is the South Korean shipbuilder and energy company that acquired the Philly Shipyard in 2024; the delegation's visit occurred just after the summit between President Trump and South Korean President Lee Jae Myung in which shipbuilding emerged as the strategic centerpiece for Lee's visit.

This members-only event included representatives of SNAME's Philadelphia, Chesapeake, and Hampton Rhodes Sections. All attendees, including our guests from South Korea, were exceptionally good sports when an unexpected, late afternoon downpour drenched our dining area on the balcony.

### 2027 EVENT PLANNING



A talented group gathered at SNAME HQ to work on plans for the 2027 International Conference on the Stability and Safety of Ships and Ocean Vehicles. We look forward to sharing more details on this event as plans take shape.

*(l to r): Bill Peters (USCG), Kevin Silva (NSWCCD), DeeDee Dalton (SNAME HQ), Vadim Belenky (NSWCCD), and Ahmed Ibrahim (US Naval Academy)*

## **SNAME MARITIME CONVENTION (SMC)**

There is a whirlwind of activity at SNAME HQ as we prepare for SMC 2025 (29-31 October). Final confirmation of moderators, panel participants, and sponsors is underway. Exhibitors are being confirmed, and certificates and awards are being processed. The hotel logistics, including those for the Awards Gala, are being sorted; artwork for the silent auction is being curated; student programming for ship and shipyard tours is in process; and new SNAME swag has been ordered for our members' lounge. These are just some of the preparations that go into ensuring that SMC 2025 and the associated International Conference on Fast Sea Technology (FAST) are a success.

Volunteers are an important part of ensuring that things run smoothly. Volunteer positions at the event include helping at the registration desk, assisting with the high school student program, collecting tickets, and checking badges. I want to thank the SNAME Hampton Roads Section in advance for offering to fill these important roles. Please note that we can always use more volunteers, so if you are interested in helping, sign up to volunteer [here](#).

### **Annual meeting**

Please note that SNAME's Annual Meeting will occur on Friday, 31 October (9:00-10:00 a.m. Eastern Time) during the SNAME Maritime Convention.

I encourage you to attend and exercise your right as a member to voice your opinions and vote on important SNAME business and governance issues, including:

- ▶ Bylaws amendments
- ▶ Choosing a President-elect

All SNAME members are welcome to attend, but only SNAME professional members in good standing may vote. The Annual Meeting will be a hybrid event and a link for joining the meeting virtually will be sent to members to use should they not be able to attend in person.

### **Complimentary gala tickets for SNAME student members**

Please note that we are now able to offer every SNAME student member who has registered for SMC a free ticket to the SMC Awards Gala on Thursday, 31 October. This has been made possible by a very generous donation from Bruce S. Rosenblatt & Associates, LLC.

## **IT'S A SMALL WORLD**

In mid-August while visiting family in rural Ohio (abundant in cornfields and lacking in navigable waters), my brother's friend, Robin, stopped in for a visit. Robin asked what I did for a living. Without expectation, I explained that I was the Executive Director of SNAME. Robin jumped out of her seat with excitement and said that she remembered her parents getting dressed up (tux and ball gown) "back in the day" to attend the SNAME Gala Dinner at the Waldorf Astoria in New York City. Her father, now deceased, was SNAME member Robert E. Whitam (Babcock & Wilcox Co). I love making connections like this.



**Elizabeth Bouchard**

Executive Director

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



## MEMBER PROFILE: ADRIAN S. ONAS

REPRESENTING SNAME TO HIS COLLEAGUES, STUDENTS AND THE US GOVERNMENT



Dr. Adrian S. Onas is a naval architect with more than 30 years of ship design, operation, and research experience in the maritime industry and academia. His background includes a 15-year career with Det Norske Veritas, followed by an ongoing academic

appointment as Professor of Naval Architecture and Director of the Circulating Water Channel at Webb Institute since 2011. Professor Onas' interests include extreme events in nonlinear systems; theoretical and computational hydromechanics; transom stern hydrodynamics; and innovative ship design.

Professor Onas holds a PhD in Ocean Engineering from Stevens Institute of Technology, a master's degree in Naval Architecture and Marine Engineering from the University of New Orleans, and undergraduate degrees in Naval Engineering from "Mircea cel Batrân" Naval Academy and Constanta Maritime University. His dissertation was titled "Nonlinear roll motions of a frigate-type trimaran and susceptibility to parametric roll resonance." In addition to being a member of SNAME for more than 25 years, he holds memberships in the Royal Institution of Naval Architects (RINA) and the International Hydrofoil Society (IHS). He holds the title of Fellow from both SNAME and RINA.

**Involvement in SNAME T&R Committee:** Professor Onas is currently the Chair of the SNAME Technical and Research (T&R) Hydrodynamics Committee, one of the 10 principal committees under the T&R Program chaired by Alberto Morandi. Within the Hydrodynamics Committee, he also chairs the Seakeeping Characteristics Panel (H-07) and co-chairs the Nonlinear Ship Dynamics (H-13) and Biomimetics Panels (H-14). He is also a member of the SNAME T&R Marine Forensics Committee and chairs the new investigation panel (MF-4).

As Chair of the T&R Hydrodynamics Committee, Professor Onas has spearheaded the release of new webinars and reports such as *T&R Bulletin 1-45: Guide for CFD-Informed AUV Maneuvering Models*,

published in 2022. The T&R Program provides an opportunity for SNAME members who are interested in sharing their expertise to advance research and help publish their results in the form of bulletins and technical reports.

Professor Onas has been passionate about encouraging students—particularly those he teaches at Webb Institute—to learn more about the SNAME T&R Program and join one of its panels, either as a student or after graduation. He believes it is rewarding to contribute by improving the technical knowledge base that will help the naval architecture and marine engineering community design safer ships while also reducing the impact on the environment.

As student advocates, Professor Onas and his colleague Professor Richard Royce brought Webb Institute's third-year students (Class of 2026) to Houston to attend the 2025 Offshore Technology Conference from May 5-8. The trip included a 2025 OTC Webb Workshop, a specialized technical event held at NRG Stadium.

**SNAME Representative to the USNC/TAM:** In 2023, Professor Onas was appointed a member of the US National Committee for Theoretical and Applied Mechanics (USNC/TAM) on behalf of the National Academy of Sciences (NAS), representing SNAME. In the summer of 2025, Professor Onas was appointed SNAME Coordinator of the USNC/TAM committee. This honor reflects his exceptional knowledge and expertise in mechanics, coupled with his passion for teaching students Naval Architecture. The committee, established in 1949, acts as a nucleus for collaboration between the U.S. engineering, scientific, and mathematical communities that share a passion for mechanics. It serves as a national forum for defining major issues in mechanics research, technology, and education, addressing concerns and inspiring appropriate actions.

The USNC/TAM represents the United States by collaborating on international activities connected to the broad science of mechanics, including related sciences, engineering, and mathematics.



*The Webb Class of 2026 at OTC 2025*

It serves as a focal point for charting future priorities in mechanics-related research, applications, and education. The committee also represents the National Academy of Sciences (NAS) as the U.S. adhering organization to the International Union of Theoretical and Applied Mechanics (IUTAM), one of the 40 international scientific unions and associations of the International Science Council (ISC). Since 1946, IUTAM has connected experts and organizations working on scientific projects in mechanics or related sciences both at a theoretical or experimental level.

Professor Onas has also contributed at the international level, having previously served as a member of the U.S. Delegation at the 55th Session of the International Maritime Organization Sub-Committee on Stability and Load Lines and on Fishing Vessels Safety in 2013.

**5MT:** On a final note, Professor Onas has also helped organize the 2025 USNC/TAM 5-Minute Thesis Competition, or 5MT, along with Professor Maria Emelianenko from George Mason University, Professor Melany Hunt from Caltech, Diamond de Guzman of NAS, and the USNC/TAM 5MT sub-committee.

The goal of 5MT is to promote research and communication excellence among recent PhD graduates in a mechanics-related area. Held on behalf of the National Academies of Sciences, Engineering, and Medicine, 5MT invites recent graduates (those who obtained their PhD degree in the United States and defended their dissertation between July 2024 and July 2025) to virtually present a concise summary of their PhD thesis to a mechanics audience. The competition will allow new scholars to showcase their research and findings to a broader audience. The subject must be in a mechanics-related area, including theoretical, experimental, and computational methods; presentations are limited to five minutes. Applications were accepted in July, with video submissions open during August; the top 10 finalists have already been notified. The 2025 USNC/TAM 5MT Awards Ceremony took place virtually on Sept. 26, 2025.

Professor Onas is a shining example of what volunteerism in the SNAME and maritime communities looks like, and our grateful Society looks forward to many more years of successful collaboration with him!

# NEW ROUND OF SNAME RECOGNITION ANNOUNCED

SNAME programs and initiatives to recognize technical achievements, leadership, and engagement run throughout the year. In the July issue of our newsletter, we announced this year's medalists as well as others we recognized with SNAME awards. In this issue, we are pleased to honor additional members due to their strong credentials, impressive backgrounds, and outstanding contributions to the industry and SNAME over the past year.

## 2025 AWARDEES

**The Lourdes 'Nina' Elona-Lilley Distinguished Service Award:** Ken Lane, Glosten (Retired)

### Certificates of Appreciation

- ▶ Alberto Morandi: in appreciation for serving as the SNAME T&R Offshore Committee Chair
- ▶ Kevin Prince: in appreciation for outstanding leadership and service as the Chair of the Propulsion Shafting Panel for 26 years
- ▶ Thomas C. Fu: in appreciation for service as the *Journal of Ship Research* Editor-In-Chief
- ▶ Matthew Collette: in appreciation for outstanding leadership and service as the Functional Vice President – Education

## STUDENT PAPER AWARDS

**Graduate Paper Honor Prize:** Stephen J. Bruno, Timothy M. Powell, and Charles Thigpen from Massachusetts Institute of Technology for their paper, "Ocean Energy Capture for Long-Endurance Autonomous Surface Vessels"

**Graduate Paper Award:** Juan Antonio Pérez Socorro from Universidad Politécnica de Madrid for his paper, "Design of a Hydrogen-Powered and Hydrofoiling Boat"

## THE DR. JAMES A. LISNYK STUDENT SHIP DESIGN COMPETITION

**First Place:** Baltazar P. Humaran Killamet, Pedro Guastalegname, Tomas Agustin Muena, Marcio Salnisky, Manuel Papaleo, and Agustin Garcia from Universidad Tecnológica Nacional, Facultad Regional Buenos Aires (Argentina) for their project "75T Green-Powered Anchor Handling Tug Supply"  
Advisor: Maximiliano Fabian Mavica

**Second Place:** Husein Amin Biruni, Alvian Syiham Risal, Muhammad Abdurahman, Nasywa Feby Aulia, Raihan Ramadan, and Toga Gilbert Pangaribuan from Institut Teknologi Sepuluh Nopember (Indonesia) for their project "Cruise Ship: Marine Majesty"  
Advisor: Rizky Chandra Ariesta

**Third Place:** Andrean Prakoso Frans Lukito Putro, Bachtiar Shifa Bahari, and M. Dzaki Al Husni from Institut Teknologi Sepuluh Nopember for their project "Methanol-Powered 100m Ro-Ro Passenger Ferry"  
Advisor: Achmad Baidowi



## FELLOWS

We are delighted to announce that six SNAME members have been accorded the honorific designation of SNAME Fellow following the successful completion of the Fall cycle of Fellow nominations. These members were chosen based on their outstanding personal contributions to naval architecture, marine or ocean engineering, or allied disciplines, as well as having at least 10 years of active practice.



**Jim Carr**  
Seaspan Shipyards  
Pacific Northwest Section



**Lou Codega**  
Codega Associates, Naval  
Architects  
Hampton Roads Section



**Morgan Michael Fanberg**  
Glosten  
Pacific Northwest Section

*Photo unavailable*

**Albert W. Horsmon, Jr.**  
Horsmon and Associates,  
Marine Consultants  
  
Great Lakes /  
Great Rivers Section



**Shilpa Mesineni**  
American Bureau of Shipping  
Texas Section



**Ignazio Maria Viola**  
University of Edinburgh  
Western Europe Section

To access the complete list of SNAME Fellows, visit the dedicated [website](#). Interested in sharing the reasons you respect and admire a fellow professional? The SNAME Fellows Program is now accepting [nominations](#) for the 2026 Spring cycle. The deadline is **28 February**.

Congratulations to all!

## SPOTLIGHT: ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL STUDENT SECTION

In the August issue, we let you know that student membership and active involvement in student sections are great ways for individuals to start their SNAME journeys. In this issue, we are delighted to present a SNAME student section that is one of our most active and engaged – not just in Latin America, but also worldwide. Based in Ecuador, Escuela Superior Politécnica del Litoral (ESPOL) is a fast-growing student section that benefits from the support of its “parent” group, the SNAME Texas Section, as well as the entire Society.

The ESPOL Student Section leadership and the Student Section Advisor, Maria Tadea Quintuña Rodríguez, organize activities throughout the year to promote not only technical learning but also physical and emotional well-being. Ranging from Random Talks by Subject Matter Experts (SMEs) to Gymkana del Saber and Naval Engineering Program Social Events, these activities aim to spark curiosity and inspiring new ideas, as well as develop soft skills such as teamwork and communication while strengthening bonds between students and professors.



*M.Sc. Nadia Muñoz (left) and Ph.D. Roberta Weisbrod (right), two of the guest speakers at Random Talks held in June.*

Since its establishment, the ESPOL Student Section has also offered seminars and workshops that supplement students’ core curriculum and focus on tools used in the classroom.

ESPOL also aspires to strengthen interfaculty ties. It launched the ANSYS Challenge, an academic event led by the student chapters of several organizations. This initiative, which involves students from Mechanical and Naval Engineering programs, promotes the use of finite element analysis tools to solve real engineering problems. Throughout the semester, students develop projects using ANSYS software and present their results at the end of the academic term.



*Juan Jurado (left), Naval Engineering student, and the winners of the ANSYS Challenge 2024 (right).*

Interested in learning more about the ESPOL Student Section and getting involved? Contact Maria Navarrete, Student Section Chair, at [mfnavarr@espol.edu.ec](mailto:mfnavarr@espol.edu.ec). You can also stay up-to-date on their activities by following the group on Instagram (@snamepol) and Facebook (search “Espol Sname Student Section”).

## **SNAME MEMBER DIRECTORY: THOUSANDS OF MEMBERS AT YOUR FINGERTIPS**

SNAME’s Member Directory is a central “keyholder” to networking and data exchange. It unlocks countless opportunities for connecting, promotes community engagement and loyalty, and allows easy access to member profiles. Available only to active SNAME members, it enhances the overall member experience, fostering member relationships and creating a stronger and more connected professional society.

Are you a SNAME member? Be sure to keep your SNAME profile updated. This allows fellow members to easily find and connect with you, and explore opportunities for engagement. This also fosters business or service promotion, adding value to members’ community experience.

Interested in accessing this wealth of resources? SNAME membership is required. [Join](#) SNAME with just a few clicks and gain access to our database.

## **STUDENT GRANT PROGRAM**

Student Members who belong to one of SNAME’s 40-plus Student Sections and lack the funds to pursue personal and professional development opportunities can now apply for a Student Grant. Established to benefit a larger number of students, this program is intended to supplement students’ core curriculum. Grants of up to 1,000 USD are available to cover costs associated with specific activities or events that contribute to the students’ pursuit of a professional career in the marine industry.

Interested in receiving financial support for an out-of-class activity? You can now apply by submitting an [e-form](#). Requirements apply; the deadline is 15 October.

## **SNAME GRADUATE SCHOLARSHIPS PROGRAM**

SNAME has awarded high-value graduate scholarships to nine outstanding student members for the 2025-2026 academic year and has established two new scholarships thanks to the generous donations of George A. “Sandy” Thomson and Anil Raj, two longtime, committed SNAME members.

To be eligible for almost all graduate scholarships, you must have been a SNAME member for a minimum of four months. If you have considered applying for a SNAME graduate scholarship during the next round of applications and are not a SNAME member, you must join by 1 October in order to be eligible to apply by the February 1, 2026 deadline.

[Join](#) SNAME today and apply for these scholarships that can alleviate the cost of graduate studies. For more information on requirements and procedures, follow this [link](#).



### **Sofia Iliogrammenou**

SNAME European Office Director  
Membership Director  
[siliogrammenou@sname.org](mailto:siliogrammenou@sname.org)



### **Tosh Arimura**

Membership Manager  
[tarimura@sname.org](mailto:tarimura@sname.org)



# NEW & RETURNING MEMBERS – AUGUST 2025

## JOIN US IN WELCOMING:

**Marcus Anderson**, SUNY Maritime College

**Mariusz Andruszkiewicz**

**Daniel Atienzar**, Baker Marine Solutions

**Javalik Baruah**, University of New Orleans

**Alden Benner**, Webb Institute

**Lincoln Bens**, SUNY Maritime College

**Jenna Blackmore**, Memorial University of Newfoundland

**Joseph Brantley**, Old Dominion University

**Karen Cassidy**, HII - Ingalls Shipbuilding

**Tyler Cheney**, Puget Sound Naval Shipyard & Intermediate Maintenance Facility

**Travis Condit**, Vard Marine Inc.

**Brady Cooper**, Webb Institute

**Joseph Cox**, Cox Maritime LLC

**Danika Eamer**, Massachusetts Institute of Technology

**Joseph Estrella**, Webb Institute

**Ian Farewell**, Irving Shipbuilding Inc.

**Benjamin Galloway**, Virginia Tech

**Bromley Givens**, Webb Institute

**Caitlin Hardy**, Ness Sea Consulting

**Ethan James**, UNSW

**Suzy Jiang**, American Bureau of Shipping

**Burton Keck**, United States Merchant Marine Academy

**Ava Kerrigan**, Virginia Tech

**Anastasios Korfiatis**, Webb Institute

**Alice Kottkamp**, Webb Institute

**Heidi Landen-Greene**, C-Job Houston, Inc.

**David Lewis**, NPS

**Lora Lindyberg**, University of Maine

**Stephanie Maulshagen**, Stevens Institute of Technology

**Mark Mayer**, Fincantieri Marinette Marine

**Richard McCreary**, Gulf Marine Repair

**Devin Mcinnis**, Canadian Coast Guard

**Juan Mendez**, Intercon

**Adalila Merino**, SUNY Maritime College

**Andrew Mullikin**, Webb Institute

**Johnathan Nero**, United States Merchant Marine Academy

**Jakob Oberman**, Webb Institute

**Michael O'Connor**, Stevens Institute

**Laura Osmond**, Canal Marine & Industrial

**Noah Ottinger**, Virginia Tech

**Panipan Pansang**, Seaborn Maritime Solutions

**Ioannis Papakalodoukas**, Massachusetts Institute of Technology

**Mayur Patil**, Texas A&M University, College Station

**Thomas Perea**, Texas A&M University, College Station

**Juan Prieto**, Cadmatic

**Zia-Ur Rahman**, Bernhard Schulte Shipmanagement Singapore

**Anthony Saaiby**, Texas A&M University, College Station

**Ayomide Salifu**, Maritime Battery Forum

**Brianna Schaad**, Stevens Institute

**Muhammad Shahzad**, Lloyds Register North America Inc.

**Miriam Simmons**, BC Ferries

**Molly Simmons**, Webb Institute

**Adam Smith**, Marenav Pty Ltd

**Joseph Strach**, University of Michigan

**Nataraj Sudharsan**, Texas A&M University, College Station

**Harrison Tack**, Bruce S. Rosenblatt & Associates

**Charles Thigpen**, Massachusetts Institute of Technology

**Sophia Tolkacheva**, Webb Institute

**Kazim Tosayev**, UML Middle East DMCC

**Alexandra Vazquez**, Webb Institute

**Steven Velzis**, BP Exploration & Production Inc.

**Takuya Wako**, Nippon Kaiji Kyokai

**Nora Williams**, Webb Institute

**Xinshu Zhang**, Shanghai Jiao Tong University

## SNAME'S PARTNERS IN CULTIVATING MARITIME CAREER DEVELOPMENT

Most of our members are familiar with SNAME's professional development through its wide-ranging technical papers, T&R Bulletins, webinars, and courses. But SNAME maintains long-held and powerful partnerships with educational and career development institutions as well.



The Accreditation Board for Engineering and Technology (ABET) supports excellence in education worldwide through the accreditation of academic programs and the recognition of credentials and assessment of student learning.

ABET's services and global partnerships help equip professionals to confidently face the future. You are probably familiar with an ABET-accredited degree program at your alma mater, and there's a good chance you may have graduated from one of these associate's, bachelor's or master's degree programs. But did you know that they currently accredit more than 4,700 programs worldwide at more than 900 institutions in 42 countries?

Every year, 200,000 technologists graduate from ABET-accredited programs around the world. Ninety-nine accredited programs were added in the 2023-2024 cycle alone! SNAME maintains an important relationship with these accreditations by holding the Naval Architecture and Marine Engineering seat at ABET. This allows us to accredit 29 four-year-degree programs in naval architecture, marine engineering, and ocean engineering at 24 colleges and universities worldwide. These schools are in the United States, Egypt, Turkey, Ecuador, and Peru.

In the United States, SNAME has accredited programs in three of the five Federal Academies (US Coast Guard Academy, US Merchant Marine Academy, and US Naval Academy). SNAME coordinates the periodic review of these accredited programs through our ABET Accreditation

Committee chaired by Katherine Terwilliger (Department Head of Naval Architecture and Engineering at Naval Surface Warfare Center, Carderock Division). Along with 33 other member societies, SNAME helps to set policy, develop strategy, and conduct accreditation activities worldwide on behalf of their professions.

**Digital Badges**  
Professional certificates  
**Credentials**  
**Certificates** Nanodegrees  
Microcredentials **Badges**  
Short courses

This past summer, SNAME hosted a meeting with ABET representatives Dr. Michael K. J. Milligan, CEO of ABET, and Stephanie Harrington, ABET Director of Constituent Relations and adjunct professor at Northern Virginia Community College (NOVA). ABET provided an excellent overview of its current activities, and then we had a great discussion about our shared vision.

SNAME is particularly interested in ABET's new Recognition of Credentials Service focusing on non-degree courses. This new effort began as a pilot program using courses offered by the American Society of Civil Engineers, Siemens Software Division, and Purdue University online courses. The process involves the organization submitting a self-assessment, followed by a credential review by an ABET expert team and subsequent dialogue between the parties. After that, a final decision is reached. While there is no fixed schedule, the process is expected to take about four to five months. As of September, the program is open for submissions from additional organizations. SNAME is in the planning phase to begin selecting existing courses to offer as candidates for this program.



The National Council of Examiners for Engineering and Surveying (NCEES) is a national nonprofit

organization that advances professional licensure for engineers and surveyors in the U.S. to protect public safety.

It develops and scores the Fundamentals of Engineering (FE) and Principles and Practice of Engineering (PE) exams, which are required for licensure, and provides services (such as a records program and credentials evaluations) to help professionals become licensed in multiple states and internationally. NCEES coordinates with both domestic and international organizations to advance licensure of all engineers and surveyors. This year, NCEES expects to administer more than 90,000 exams – 60,000 FE tests and 30,000 PE exams. Each year, NCEES holds an annual conference to discuss changes to exams and new offerings that are available; this year, it was held in New Orleans in August, and SNAME was represented.

In 1995, NCEES approved the offering of a national examination for professional licensure of naval architects and marine engineers, with SNAME as the sponsoring organization. A survey of the Society's membership was conducted to determine the range of subject matter of importance to practice in this field and an examination specification was developed and published. The October 1998 and April 1999 issues of *Marine Technology* and *SNAME NEWS* published articles by then-President Jose Femenia that discussed various aspects of the examination for professional

engineer licensure. The first Principles and Practice Examination was given on October 29, 1999. In 2001, the name was changed, and the test has since been identified as the Naval Architecture-Marine Engineering (NAME) exam.

Study materials to help SNAME members prepare for the exam were developed and published on the SNAME website. The current examination specification has three main categories: Naval Architecture, 37.5 percent, Marine Engineering, 37.5 percent, and Common, 25 percent. Each of these categories is further subdivided into topic areas that are weighted within the above noted amounts. Since 2001, an annual examination has been administered each year; this year's exam will be on October 8.



SNAME offers the Professional Engineer (PE) Review Course, which is only available to members. The

course runs from August to October each year, ending with a practice examination. Each year, approximately 50 registrants take the exam; this year, more than 50 members took advantage of this excellent SNAME benefit.

Through this review program, the Society encourages its non-licensed membership to consider sitting for the PE exam in Naval Architecture and Marine Engineering. Those interested in registering for a PERC offering next year should go online at [www.snamelearning.org](http://www.snamelearning.org) or contact SNAME headquarters.



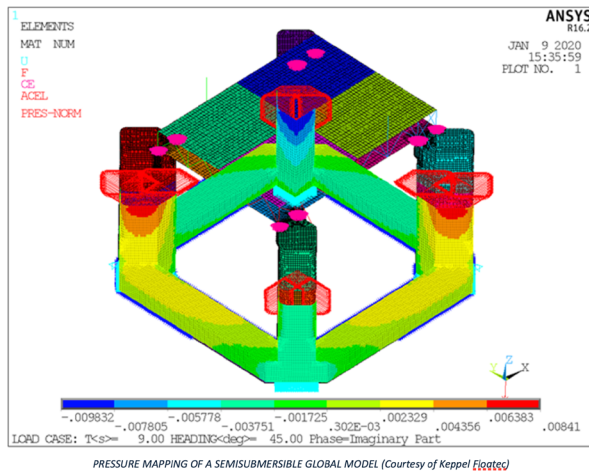
**Rich Delpizzo**

Education Director

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



## T&R BULLETIN 2-36: STRUCTURAL FINITE ELEMENT ANALYSIS OF MARINE STRUCTURES AVAILABLE FOR ORDER



In the August newsletter, we announced the completion of *T&R Bulletin 2-36: Structural Finite Element Analysis of Marine Structures*, a guidance document from T&R Panel HS-3 Stress Analysis & Strength of Elements.

Structural finite element analysis (FEA) approximates the structural response based on assumptions of the geometry and materials as well as load cases and boundary conditions.

Like all powerful tools and methodologies, the benefits of FEA are only apparent when used proficiently; if misapplied, it can yield incorrect and misleading results. While the theory of FEA is covered well in textbooks, there is little guidance tailored to analysts working in a design environment. Bulletin 2-36 addresses this shortcoming, tackling some ambiguities in the use of structural FEA and the most common modeling errors made by analysts working on the analysis of ship and offshore structures.

Bulletin 2-36 will be especially useful to early-career engineers; more experienced engineers will also find it informative. [Get your copy today.](#)

### SSC LIBRARY UPDATE: TRANSFER IS COMPLETE!

SNAME is proud to announce that we are now the official home of the Ship Structures Committee library. All 676 papers have been uploaded to our technical library on OnePetro and are available to everyone for free!

There are two ways to access the library. The first is via the SNAME page on OnePetro ([www.onepetro.org/SNAME](http://www.onepetro.org/SNAME)), which now has an SSC tab. Clicking on the tab takes you to the SSC page. You can also get to the page via this [direct link](#).

The other way to access the library is via the SNAME website's Research & Publications page under "Other Publications."

### PANEL O-36 MARITIME ECONOMICS SEEKS NEW MEMBERS

Decarbonization and investment economics synchronize in the decarbonization era across commercial shipping. Together, these elements will move projects forward, especially in light of recent EU and IMO environmental requirements to reshape the maritime industry.

The new decarb era requires more than excellent new technology, as implementation requires prudent investment pathways. T&R Panel O-36 Maritime Economics will focus on how to determine investment pathways for funding decisions and explain why, for certain vessel types/trades, many technical offerings are challenged and fail to find market preference.

A related paper, SMC-043: *Payback Beware: A Valuable Antique or an Old Remnant in the Decarb Era?*, will be presented at the SNAME Maritime Convention on Thursday, 30 October, in Session 2A (11:30 a.m. – 12:20 p.m., room MAIN BC). It explains how SNAME members need to up their investment toolkit to include more modern approaches to analysis.

An O-36 "meet and greet" will be held during SMC 2025. This event will take place on Thursday, 30 October, from 2:00-2:30 p.m. in Room 1783 (located on the third floor behind the elevator bank).

For details, contact John F. Hatley, PE, SNAME Fellow and Chair Panel O-36 at [john.f.hatley@gmail.com](mailto:john.f.hatley@gmail.com).



#### Rick Ashcroft

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

## SNAME'S ONLINE TECHNICAL LIBRARY – ONEPETRO

[All Content](#)[Advanced Search](#)[Cart](#)[Register](#)[Sign In](#)[JOURNALS](#)[CONFERENCES](#)[SSC REPORTS](#)[OTHER JOURNALS](#)[OTHER PROCEEDINGS](#)

### Society of Naval Architects and Marine Engineers

The Society of Naval Architects and Marine Engineers (SNAME) was organized in 1893, with the mission to advance the art, science and practice of naval architecture, marine engineering, ocean engineering and other marine-related professions through the global exchange of knowledge and ideas relative to the marine industry.

#### Most Read Papers

Proceedings of the 21st International Ship and Offshore Structures Congress VOLUME 1 Technical Committee Reports

#### Recently Published Proceedings

SNAME Maritime Convention

SNAME Maritime Convention

OnePetro is an online library offering a collection of technical content that can be accessed through individual purchase or subscription. Twenty-three publishing partners, including SNAME, contribute content. OnePetro hosts more than 1.3 million searchable documents and has 900 visitors an hour.

SNAME members receive 20 free downloads from OnePetro as a benefit of membership. These downloads are not limited to SNAME content in the OnePetro Collection.

### SNAME'S ONEPETRO HISTORY

SNAME joined OnePetro in 2018, and there are nearly 7,000 documents from SNAME Journals and events hosted in the library as of September 2025. This includes SNAME's *Journal of Sailing Technology*, which is an open-access publication.

Recent documents we've uploaded to OnePetro include content from SNAME Maritime Convention 2024, SNAME Power Boat Symposium 2024, SNAME Chesapeake Sailing Yacht Symposium 2025, SNAME Offshore Symposium 2025, and the newly added SSC Library (see page 13). Event attendees receive codes that provide free access to the event proceedings in perpetuity.

If you need assistance in accessing your OnePetro account, please contact [publications@sname.org](mailto:publications@sname.org).



**Eland Mann**

Publications Coordinator  
[emann@sname.org](mailto:emann@sname.org)

## MARINE BATTERY WORKSHOP IN OTTAWA IS A SUCCESS



*SNAME's Eastern Canadian Section is always finding ways to open doors for the next generation. Pictured are five students from three universities on Cooperative, or Coop, term in Ottawa.*

The Marine Battery Workshop in Ottawa on September 17 drew strong interest from the marine industry.

The event, jointly organized by the Maritime Battery Forum (MBF – Syb ten Cate Hoedemaker, Executive Director), and the Society of Naval Architects and Marine Engineers (SNAME – Glenn Walters), focused on exploring the future of battery technologies in marine applications.

There were 38 attendees from key maritime organizations, including five Cooperative, or Coop, students. The starting point for organizing this workshop was a previous collaboration between SNAME, the Canadian Institute of

Marine Engineers (CIMARE), and MBF. The three organizations conducted a pre-conference marine battery course during Mari-Tech in St. John's in 2023 and Montreal in 2024. This has led to SNAME and MBF signing a Memorandum of Understanding (MOU) to further collaborate on marine electrification education sessions.

The Marine Battery Workshop featured engaging and relevant information from major marine stakeholders. This included an overview of the use of main batteries and support systems for the Victoria class submarine from Derrick Mitchell of the Canadian Department of National Defence (DND) submarine in-service support directorate.

Artem Potetinov of the Canadian Coast Guard (CCG) shared insights into the CCG's ongoing efforts to adopt cleaner technologies in its fleet renewal program. Matthyw Thomas of the American Bureau of Shipping (ABS) provided a valuable regulatory perspective on battery integration and safety standards. Ritchie Joseph of Canal Marine, a recognized leader in marine electrical systems, presented real-world case studies and technical insights into battery system implementation.

The gathering provided a platform for open discussion, networking, and knowledge sharing, reinforcing the growing importance of electrification and hybrid solutions in achieving sustainability goals in the maritime sector.

The success of this workshop highlights the increasing momentum behind battery-powered marine innovation in Canada. It also demonstrated a need for all disciplines to better understand the rapidly emerging area of marine batteries and the design opportunities with electrification.





*Workshop participants, who represented a great cross-section of government and industry stakeholders.*

The event has resulted in 24 new or returning SNAME members and a small net-positive revenue that will be applied to the support of ECS Student/Young Professional activities.

SNAME would like to offer a special note of thanks to CCG, DND, and the Transportation Safety Board (TSB) for their early commitment and guidance in planning and executing the event. Thanks to our workshop sponsors ABS, Vard, and Canal Marine and a to Chris Wright of Canal Marine for kicking off the ECS presentation season the evening before the workshop. The presentation will be available to members in the SNAME webinar library.

To discuss how to plan and execute a similar workshop in your area, contact SNAME members [Glenn Walters](#), [Syb ten Cate Hoedemaker](#), or [Rich Delpizzo](#), Education Director, SNAME.

## EXTRA CREDIT

When the workshop was announced, the SNAME Eastern Canadian Section (ECS) realized that it presented a valuable opportunity to support SNAME's strategic goal of "developing capacity and competency" in the marine sector – not to mention presenting many chances for collaboration and outreach.

As such, our target audience for the workshop included all disciplines (Naval Architecture; Mechanical and Electrical Engineers and Technologists; and business support roles) and levels of experience (recent graduates to engineering leads). It also included members and non-members.

For many, this event was their first ever engagement with SNAME. Professional Engineers Ontario (PEO) now audits the mandatory completion of Professional Development Units (PDU), and it gave the registrants a Certificate of Participation for six PEO PDU (i.e. six hours). The participants can claim more PDU through self-declaration if they invested additional effort in using the Maritime Battery Forum Online Course in preparing for the workshop or completing the online examination in four course areas.

## JOIN US IN NORFOLK, VA NEXT MONTH!



### INTERNATIONAL CONFERENCE ON FAST SEA TECHNOLOGY (FAST) – OCTOBER 29

The theme of this year's FAST conference is *Connecting the Dots in High-Speed Craft Digital Design*, with papers concerning the digital thread running through all phases of the system lifecycle. Whether you're looking to connect, learn, or make an impact, FAST is the place to be. [Register today!](#)

### SNAME MARITIME CONVENTION (SMC) – OCTOBER 29-31

The theme for this year's SMC is *Technology Transfer - Bringing Global Best Practices to the Maritime Industry*. Potential content includes (but is not limited to) material from around the world on the following topics – design, build, manufacture, operate, sustain, and recycle. Don't delay in registering and booking your hotel room. Experience our innovative technical sessions, networking, panel discussions & more!

[Register now!](#)

A registration poster for the SNAME Maritime Convention 2025. The top section features logos for SNAME 2025 Maritime Convention and FAST 2025. Below the logos, the text 'REGISTER TODAY!' is in large green letters, followed by 'JOIN US IN NORFOLK' and 'SNAME MARITIME CONVENTION 2025 OCTOBER 29-31 | HILTON NORFOLK THE MAIN'. The middle section shows five circular images representing different activities: 'KEYNOTE SPEAKER', 'TECHNICAL SESSIONS', 'PANEL DISCUSSIONS', 'STUDENT DESIGN COMPETITION', and 'AWARDS GALA'. At the bottom, there is a navigation bar with 'Register &gt; Network &gt; Exhibit &gt; Sponsor' and a 'REGISTER NOW' button with a QR code.

### DON'T MISS OUT ON ELITE SMC 2025 PRE-CON COURSES!

We've lined up six pre-conference sessions led by top-tier industry pros, and spots are limited.

[Learn more and claim your spot now!](#)



## INTERNATIONAL WORKBOAT SHOW REGISTRATION IS OPEN!

The future of maritime begins at the International WorkBoat Show, an industry tradition for more than four decades. Each year, thousands of exhibitors and attendees come together to explore cutting-edge technology, breakthrough solutions, and essential connections in the commercial marine industry.

Produced by the team behind *WorkBoat Magazine* and WorkBoat.com, the International WorkBoat Show is a trade-only conference and exposition designed specifically for commercial vessel owners,

operators, builders, and the vendors and suppliers who support them. Alongside an extensive exhibit floor, the show features a highly rated conference program and a variety of special events – creating the ultimate environment to learn, network, and innovate.

[Click here](#) to learn more and register for WorkBoat!



## REGISTRATION IS OPEN FOR THE SNAME PRE-CONFERENCE SESSION AT IBEX 2025

You can now sign up for “Design of Electric and Hybrid Propulsion Systems for Small Craft—Expanded Course,” SNAME’s pre-conference session at IBEX 2025 on 6 October in Tampa, FL.

This updated and expanded course will feature new technical content and a discussion of fuel cells and solar arrays as a means of improving range, along with an emphasis on working through specific design examples. Attendees should be familiar with some basic electric propulsion principles, such as the difference between parallel and serial hybrid systems, and the performance characteristics of different battery types.

This full-day event is designed primarily for boatbuilders and designers of vessels under 100 feet (30m). We will cover key design principles in detail and analyze representative case studies. Don’t miss this opportunity to learn from Dan Hanes, President at Sea3 Systems, and Drew Orvieto, Director of Marine Solutions at Siemens Energy.

[Click here](#) to learn more and register for IBEX!



## A SWINGING SUCCESS AS SNAME CANADIAN PACIFIC RETURNS TO THE GREENS!

On August 28, members and friends of SNAME Canadian Pacific Section came together for the Pitch & Putt tournament at Vancouver’s Stanley Park. With sunny skies (mostly) and good-natured competition, the scramble was filled with fun, some surprising shots, and plenty of laughs, reconnecting familiar faces and welcoming new ones. Special thanks to everyone who brought enthusiasm, teamwork, and sportsmanship.



## UPCOMING GLOBAL INDUSTRY EVENTS:

**7 - 9 October 2025** - [IBEX 2025](#), Tampa, FL

**19 - 23 October 2025** - [International Symposium on Practical Design of Ships and Other Floating Structures](#), Ann Arbor, MI

**21 - 24 October 2025** - [KORMARINE 2025](#), Busan, Korea

**29 October 2025** - [International Conference on FAST Sea Technology 2025 \(FAST 2025\)](#), Norfolk, VA

**29 - 31 October 2025** - [SNAME Maritime Convention 2025](#), Norfolk, VA

**4 - 5 November 2025** - [Marine Log Ferries Conference and Expo 2025](#), Jersey City, NJ

**3 - 5 December 2025** - [International WorkBoat Show 2025](#), New Orleans, LA

## UPCOMING SECTION EVENTS:

**1 October 2025** - [Design and Construction of the CHARYBDIS](#) - In-Person Event  
(Contact: T.J. Brackin, [tbrackin@brosenblatt.com](mailto:tbrackin@brosenblatt.com))

**1 October 2025** - [Naval Architectural aspects of Offshore Win](#) - Hybrid Event - [In-Person](#) / [Virtual](#)  
(Contact: Keith Lilley, [klilley@outlook.com](mailto:klilley@outlook.com))

**16 October 2025** - [Quantitative Mitigation of URN in Harbor Tug Design and Operation](#)  
In-Person Event (Contact: Vincent Liu, [Vincent.Liu@Seaspan.com](mailto:Vincent.Liu@Seaspan.com))

**21 October 2025** - [AI for Ship Design](#) - Hybrid Event - [In-Person](#) / [Virtual](#)  
(Contact: Yousra Abdelhady, [yousra.anwar@gmail.com](mailto:yousra.anwar@gmail.com))

**24 October 2025** - [Save the Date! The 15th Annual Western Europe Symposium](#) - In-Person Event  
(Contact: Keith Lilley, [klilley@outlook.com](mailto:klilley@outlook.com))

**5 November 2025** - [SNAME T&R Program Webinar: Marine Composites – Uses and Challenges](#)  
Virtual Event (Contact: Roger Basu, [roger.i.basu@gmail.com](mailto:roger.i.basu@gmail.com))

**13 November 2025** - [Great Lakes / Great Rivers Annual Fall Meeting](#) - Hybrid Event  
[In-Person](#) / [Virtual](#) (Contact: Eric Helder, [ehelder@interlakems.com](mailto:ehelder@interlakems.com))

**15 November 2025** - [Canadian Coast Guard Hovercraft Base Tour](#) - In-Person Event  
(Contact: Vincent Liu, [Vincent.Liu@Seaspan.com](mailto:Vincent.Liu@Seaspan.com))

**26 November 2025** - [‘Light Across the Water’ - The Evolution of the Lighthouse and the Technology Behind the Aids to Navigation for the Safety of Shipping](#) - 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 15th of the month.



**DeeDee Dalton**

Events & Marketing Director  
[ddalton@sname.org](mailto:ddalton@sname.org)



**Rachael Gass**

Events & Digital Assets Manager  
[rgass@sname.org](mailto:rgass@sname.org)

# CORPORATE AFFILIATES

Thank you to all of our Corporate Affiliates for their support. Together we are building the future of the maritime industry.

## PLATINUM



## GOLD



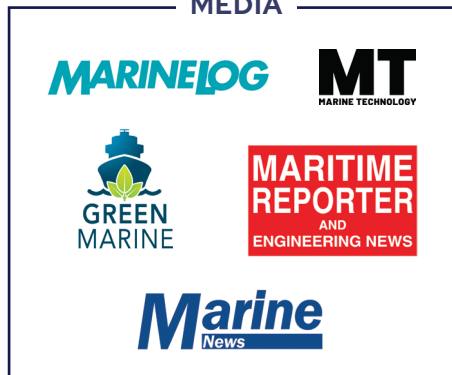
## SILVER



## BRONZE



## MEDIA



[LEARN MORE](#) about the Corporate Affiliate Program.

## CAREER CENTER

### SEPTEMBER JOB SPOTLIGHTS:

#### HULL (STRUCTURAL) DESIGNER

**Company:** Hanwha Philly Shipyard

**Location:** Philadelphia, Pennsylvania, United States (On-site)

[READ MORE](#)

#### NAVAL ARCHITECT IV

**Company:** Leidos

**Location:** Chesapeake, Virginia, United States (On-site)

[READ MORE](#)



## Ask the Expert

Certified Career Coaches are Waiting for Your Questions

View Career Resources

# CONTACT US

## SNAME HQ EMAIL ADDRESSES

Membership..... [memberservices@sname.org](mailto:memberservices@sname.org)  
Events..... [events@sname.org](mailto:events@sname.org)  
Publications..... [publications@sname.org](mailto:publications@sname.org)  
Scholarships..... [scholarships@sname.org](mailto:scholarships@sname.org)  
Finance..... [finance@sname.org](mailto:finance@sname.org)  
General Inquiries..... [sname@sname.org](mailto:sname@sname.org)  
IT Support..... [it@sname.org](mailto:it@sname.org)  
Education..... [education@sname.org](mailto:education@sname.org)

## SNAME STAFF CONTACT INFORMATION

| NAME                | EMAIL ADDRESS                                                          | PHONE NUMBER   |
|---------------------|------------------------------------------------------------------------|----------------|
| Tosh Arimura        | <a href="mailto:tarimura@sname.org">tarimura@sname.org</a>             | (703) 278-3620 |
| Rick Ashcroft       | <a href="mailto:rashcroft@sname.org">rashcroft@sname.org</a>           | (703) 278-3618 |
| Elizabeth Bouchard  | <a href="mailto:ebouchard@sname.org">ebouchard@sname.org</a>           | (703) 997-6703 |
| DeeDee Dalton       | <a href="mailto:ddalton@sname.org">ddalton@sname.org</a>               | (703) 997-6705 |
| Rich Delpizzo       | <a href="mailto:rdelpizzo@sname.org">rdelpizzo@sname.org</a>           | (703) 988-3022 |
| Rachael Gass        | <a href="mailto:rgass@sname.org">rgass@sname.org</a>                   | (703) 997-6710 |
| Nina Hailemariam    | <a href="mailto:yhailemariam@sname.org">yhailemariam@sname.org</a>     | (703) 278-3616 |
| Sofia Iliogrammenou | <a href="mailto:siliogrammenou@sname.org">siliogrammenou@sname.org</a> | (703) 997-6712 |
| Doug Kelly          | <a href="mailto:dkelly@sname.org">dkelly@sname.org</a>                 | (860) 552-4695 |
| Eland Mann          | <a href="mailto:emann@sname.org">emann@sname.org</a>                   | (703) 278-3619 |
| Chris Volciak       | <a href="mailto:cvolciak@sname.org">cvolciak@sname.org</a>             | (703) 997-6707 |

To submit content for SNAME's monthly newsletter, please email [publications@sname.org](mailto:publications@sname.org) by the 8th of the month.



## SNAME

THE INTERNATIONAL COMMUNITY FOR MARITIME AND OCEAN PROFESSIONALS

**USA OFFICE** 99 Canal Center Plaza, Suite 500, Alexandria VA 22314 United States, 703-997-6701

**EUROPE OFFICE** 61, Poseidonos Avenue, Paleo Faliro, 175 62 Attica Greece, +30 210 452 8205

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