



# SNAME

THE INTERNATIONAL COMMUNITY FOR MARITIME AND OCEAN PROFESSIONALS



*A view of the decommissioned SS United States, being stripped and prepared to become an artificial reef off the coast of Florida.  
This is a still from a [video](#) created by SNAME member Darren Guillory, technical solutions specialist, SSI.*

# SNAME NEWS

August 2025

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## BACK TO SCHOOL ... AND BACK TO SNAME!



As the long days of summer begin to shorten, and the scent of sharpened pencils fills the air, we all know what's coming – schools are back in session or will be soon. For many of us, that means our children or grandchildren are heading off to classrooms, Fall sports are beginning, and our kids will

be having new adventures and experiences. But this time of year also means something else: The SNAME program year is about to hit its stride.

Our Society thrives on the energy, creativity, and engagement of its members. Over the summer, many of our Sections take a bit of a breather, but now is the time when meetings resume, technical presentations return, and the opportunities for networking and collaboration come alive. Just as students bring fresh notebooks and ideas to class, we, too, can return to SNAME with renewed enthusiasm and purpose.

This is the perfect time to get involved or re-involved – whether by attending your local Section's next meeting or by contributing to a technical paper, volunteering on a committee, mentoring a younger member, or helping to organize an event. You don't need to be a seasoned veteran to make a difference; whatever the stage of your career, your perspective, experience, and passion are invaluable to the ongoing success of our community.

Remember: SNAME isn't just an organization you belong to – it's a professional home where your contributions really matter. When you participate, you help shape our industry's future, you build connections that last a lifetime, and you strengthen the Society for all its members.

This is an extremely exciting time for our industry! Whether you are a member in North America or a member in Europe, the Middle East, or somewhere in the Far East or Australia, the importance and relevance of the maritime industry has never been more visible to those who are not part of it. Your membership in SNAME and your active participation in its mission are critical to our success. I don't say this enough, but I am grateful for everything that each one of you does to make SNAME the premier maritime organization that brings our industry together.

So as we trade our beach chairs for meeting chairs and vacation itineraries for event calendars, let's commit to making this SNAME season one of our most active and impactful yet. I look forward to seeing many of you – whether in person or virtually – at upcoming meetings, conferences, and events. Don't forget that our SNAME Maritime Convention is coming soon – October 29-31 in Norfolk, Virginia. Hope to see many of you there!

Let's sharpen our pencils, roll up our sleeves, and get to work. After all, just like in school, the more we put into SNAME, the more we get out of it.

Fair winds and following seas,



**Rich Mueller**

President

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

## FROM THE EXECUTIVE DIRECTOR

### WHAT MOTIVATES PEOPLE TO GIVE?

I've been thinking a lot about giving and the motivations behind giving, and I wanted to share some inspiring stories with you this month.

Last week, after a nearly three-year legal battle with the banks, SNAME received funds bequeathed by long-time member **Tim Colton**. Tim, an acknowledged expert in commercial shipbuilding, passed away in 2022. I never had the opportunity to meet him, but I know that many of you knew Tim well and would want to learn about his gift to SNAME. It's touching and humbling when an organization like ours means so much to members that they designate a gift in their estate. According to his estate attorney, Tim had no close next of kin, so it seems fitting for me to share this update on Tim's inspiring gift with you, the SNAME community he valued so much.

I also received a call last week from someone who had been a member since 1958. He got in touch because he wanted to contribute to a named scholarship and to our T&R program. It's something he's done regularly for many years. We had a lovely conversation, and he explained what SNAME had meant to him throughout his career, highlighting the opportunities for networking as something he had found especially valuable.

Over the past year, I have worked with SNAME members **George "Sandy" Thompson** and **Anil Raj**, who endowed two new scholarships, and **John Daidola**, who has made provisions in his estate for a future scholarship and funds for our T&R program. It's important to recognize that it is not just these members who are generous; their families are critical parts of the decision-making process.

Giving goes beyond monetary gifts. SNAME is run by its volunteers. This gift of time – in chairing committees, holding official positions, and supporting events and initiatives – is a fundamental reason that SNAME is 132 years old.

So what motivates people to give whether monetarily or with their volunteerism? Surveys have attributed the reasons for giving to a belief in the cause, wanting to give back, personal values, individual experiences, and personal satisfaction, among others.

I believe that each donor's journey is unique and tethered to the desire to make a difference. I also believe that most people are generous, and that it is this collective generosity that makes a profoundly positive impact at SNAME.

So it is in this light that I'd like to recognize the dedication and awe-inspiring support of SNAME members. I hope that one day, when I have the extra time or means, I can follow in their footsteps.



**Elizabeth Bouchard**

Executive Director

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# MEMBERSHIP

## UNDERGRADUATE SCHOLARSHIP RECIPIENTS ANNOUNCED

Every year, the SNAME Scholarships Program allows deserving members to fulfill their dreams and pursue undergraduate or graduate studies in naval architecture, marine engineering, ocean engineering, or other fields directly related to the maritime industry.

We are delighted to announce the nine SNAME Student Members who have been selected to receive undergraduate scholarships for the 2025-2026 academic year. They were selected based on their outstanding academic credentials; professional experience and interest in the marine industry; active participation in SNAME and its activities; and their engagement in extracurricular activities. Each of these recipients has a world of exciting opportunities ahead.

Congratulations to the 2025 Undergraduate Scholarship recipients!



The Mandell and Lester  
Rosenblatt Scholarship

**Andrej Klema**  
Webb Institute



The Robert N. and Helen  
H. Herbert Scholarship

**Jay Hodder**  
Memorial University



The Robert N. and Helen  
H. Herbert Scholarship

**Maggie Jane McGann**  
Memorial University



The Robert N. and Helen H.  
Herbert Scholarship

**Ioanna Lemonia Mermykousi**  
Strathclyde University



The Sheri and Anil Raj  
Scholarship

**Aidan A. Berard**  
Stevens Institute of Technology



The Bruce and Dorothy  
Rylander Johnson Scholarship

**Mia Farrell**  
Memorial University

As the new academic year begins worldwide, and you start thinking of your academic development, mark SNAME's due dates for applying for graduate and undergraduate scholarships on your calendar and give yourself the chance to pursue your dreams.

Applications for graduate scholarships are due on **1 February 2026**. Applications for undergraduate scholarships are due on **1 June 2026**.

Still not a SNAME member but interested in our Scholarship Program? [Join](#) SNAME by **1 October** and become eligible for a SNAME graduate scholarship.

For more information on the Scholarships Program, visit the dedicated [webpage](#) or send an email to [scholarships@sname.org](mailto:scholarships@sname.org).



## MEMBER PROFILE: PAUL MILLER



For the second year in a row, Professor Paul Miller has served as the SNAME Maritime Convention (SMC) Technical Program Chair, coordinating the many papers and presentations. This month we are featuring Paul to bring attention

to the technical program of SNAME's flagship event and the people who make it possible.

Earlier this summer, Paul retired from the U.S. Coast Guard Academy, where he taught a variety of topics, including Engineering Materials Science, Principles of Naval Architecture, Ship Structures, Small Craft Design, and Private Pilot Ground School. Last year, Paul and Professor Yvonne Traynham released their textbook, "An Introduction to Marine Materials and Structures: For Engineering Students and Practicing Engineers," the first in a new undergraduate textbook series from SNAME.

Paul joined SNAME in 1983 as an undergraduate student at Tufts University. He completed his master's degree in Ocean Engineering at the Stevens Institute in 1987, and his Doctor of Engineering degree from the University of California at Berkeley in 2000.

Paul's lesser-known experiences and interests include growing up in Hong Kong, owning an airplane, and traveling around the world with his wife on motorcycles.

As a teacher, Paul brought a breadth of design and operational experience into the classroom. He started his boat design career with Gary Mull, a notable designer of competitive fiberglass sailboats. Paul worked with Mull on designs for Freedom Yachts, a

pioneer in the use of unstayed rigs and carbon fiber masts.

Paul was the Manager of the Boston Sailing Center from 1985-1988 and then worked as an engineer for Newport News Shipbuilding from 1989 to 1992, contributing to the design of submarines and aircraft carriers. He was an associate designer for various America's Cup syndicates from 1991-2003, specializing in the composite hull structures. He also designed and built his own boats within the development class of the International Ten Square Meter Sailing Canoe.

Paul is knowledgeable about traditional boatbuilding techniques as well, having completed the Museum Program in American Maritime Studies at Williams College/Mystic Seaport in 1983. He and his wife Dawn maintained a classic 1962 wooden L. Francis Herreshoff-designed 28-foot ketch, as well as a classic Lyman runabout.

Prior to joining the faculty at the Coast Guard Academy, Paul was a Lecturer at Berkeley from 1995-1998 (where he won the Graduate Student Instructor Award) and then joined the faculty at the Naval Academy, where he stayed for 18 years. While at the Naval Academy, he received multiple awards, including the Benac Civilian Teaching Award (USNA Civilian Instructor of the Year) and the President's Lifetime Achievement Award for Volunteer Service to the Nation.

His service roles have included directing the Naval Architecture program, serving as the SNAME Faculty Advisors Committee Chair, chairing the Sailbot team at the International Robotic Sailing Regatta four times, and managing the acquisition program for the Navy 44 Mark 2 sail training boats. Paul was also a member of the U.S. Coast Guard Auxiliary (Coxswain, Air Crew, and Instructor). He spent a year as a visiting lecturer at Aberystwyth University in the United Kingdom, where he taught courses and advised research projects on small autonomous boats.

# MEMBERSHIP

During his time at the Coast Guard Academy, Paul did another year-long sabbatical in Portugal, where he worked on sustainable marine composites and the replacement of the traditionally built spars on historic fishing vessels with more durable materials. He also volunteered as a Program Evaluator for the Accreditation Board for Engineering and Technology, traveling to various engineering schools and reviewing their academic programs.

Paul has volunteered for SNAME continuously since 1989. He began as the Meeting Chair of the San Diego Section, eventually moving up through the ranks to be Section Chair in 1992. When Paul left for Berkeley, he took over as the Student Section President in 1993-1994. After moving to Annapolis, he held several positions on the Chesapeake Section board and eventually served as Chair.

Paul was the USNA Student Section Advisor for about five years, and he headed the Student Section Advisors Committee for about 10 years. He chaired SC-2 (the SNAME Sailing Craft Committee) for four years. Paul has served on the Education and Publication Committees and was on the PE Committee for about six years. He has been on the SMC Planning Committee for three years and was the Chair of the SMC Technical Program Committee for two. He is currently chairing the Editorial Board for the new fundamentals book.

SNAME is fortunate to have active and caring volunteers like Paul who take significant time to put together the technical program, advise the student sections, and share their knowledge through SNAME books and research publications.

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## ATTENTION 2025 GRADUATES!

As a recent graduate, you qualify for a special “Student in Transition” membership rate. You can renew your SNAME membership at the student rate during your first year following graduation. Please complete this [form](#), and we will update your record and ensure a smooth transition of your SNAME membership. If you have any questions, please contact us at [memberservices@sname.org](mailto:memberservices@sname.org).

## THE MEMBERSHIP TEAM IS HERE TO HELP YOU

Your continued involvement with SNAME is important to us, and we do not want you to miss industry news and developments affecting our community. If you need help updating your contact information, renewing your membership, joining SNAME, or navigating our website, please contact us at [memberservices@sname.org](mailto:memberservices@sname.org). We are happy to assist you and answer any questions.



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### Tosh Arimura

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## NEW & RETURNING MEMBERS – JULY 2025

### JOIN US IN WELCOMING:

**Muhannad Ashy**, Texas A&M University, Galveston

**Arthur Barbeito**, AMB Design Group

**Iyaan Barry**, Shipglide

**Maggie Campbell**, Virginia Tech

**Joao Casares**, Brazilian Navy

**Jaime Corzo**, NAVFAC Expeditionary Warfare Center

**Gregory Cotten**, JFD Ltd

**Paul Decker**, The Landing School

**Mohamed Elnahhas**, Pearlson Shiplift Corporation

**Ferry Ferdiansyah**, NOC

**Matthew Gerard**, Vancouver Shipyards Co Ltd

**Tomas Henry**, Seaspan Shipyards

**William Hentschel**, TSGI

**Alice Hirschman**, Webb Institute

**Ethan Holdcraft**, University of Michigan

**Jeremy John**, Virginia Tech

**Visal Katamaneni**, ArrowRight Inc.

**Tom Klodenski**, University of Maine

**Xiao Lang**, Chalmers University of Technology

**Waltfred Lee**, Robert Allan Ltd.

**Thomas Linden**, Bristol Harbor Group, Inc.

**Shanbin Liu**, University of Strathclyde

**Kyle Miller**, United States Navy

**Vivian Obi**, GGT Naval Architects Ltd.

**Antonia Pagiaziti**, DeepOcean US LLC

**Anderson Preis**, Webb Institute

**Kyle Robinson**, Southwest Research Institute

**Remy Rodrigue**, Techsol Marine

**Valerio Ruggiero**, University of Messina

**Jaden Shackelford**, Virginia Tech

**Jordan Smith**, Maritime Technology Group

**Liam Taylor**, Webb Institute

**Eylul Tecirlioglu**, Istanbul Technical University

**Bryan Tomer**, Virginia Tech

**Joseph Tovlin**

**Raquel Vazquez**, Polytechnic University of Madrid

**Nickolas Vlahopoulos**, University of Michigan

**Anne Voors**, Military Sealift Command

**Carl Walker**, Senesco Marine, LLC

**Catherine Whitmeyer**, Webb Institute

**Ryker Zilkey**, Vancouver Shipyards Co. Ltd.



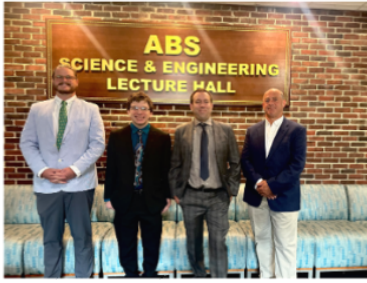
But the centerpiece of SNAME professional development is the Technical and Research (T&R) Program, which is composed of 10 T&R Committees, each dedicated to a general area of research (such as hull structure, hydrodynamics, offshore, ship production and design, and marine forensics). Seventy T&R Panels serving under each committee delve into focused areas of study, such as underwater noise, nuclear propulsion, sustainability, and ship arrangements. All of these are open to student members.



**So. Much. Content.** Membership entitles you to an online subscription to SNAME's flagship journal, ***MT Magazine***. This quarterly publication contains cutting-edge technical articles on topics of interest across all marine disciplines. In addition, students also have a complimentary online subscription to the ***Journal of Sailing Technology (JST)***. But this is only a small part of the content available to members. Thousands of technical papers, presented at meetings and conferences held around the world, are available on demand – and members get 20 **FREE** downloads from the massive SNAME database. Plus, discounts are offered for a variety of Technical and Research (T&R) reports and bulletins, event proceedings, and text publications. And all SNAME members can attend our year-round Section webinars at no charge.

**Conferences.** All SNAME conferences and in-person meetings have special student member registration rates. This gives students access to conferences and meetings, and in many cases, these events offer student-specific activities, job fairs, and mentorship opportunities (such as the Mentor for a Day program at the Offshore Technology Conference). The annual SNAME Maritime Conference, to be held in Norfolk, VA, this year, will have many student-oriented offerings.





Lukas Bridgeman, Thomas Giannuzzi, Jared Smith, and James Sullivan  
Advisor: Charles Munch  
SUNY Maritime College  
for their project  
"Preliminary Design of a 90m Ro-Pax Ferry"

*First Place: Dr. James A. Lisnyk Student Ship  
Design Competition*

**Awards and Scholarships:** A variety of awards and scholarships are open only to student members. Student papers presented at webinars, conferences, or meetings are eligible for awards such as the Graduate Paper Honor Prize and Paper Award, Undergraduate Paper Honor Prize and Award, and the Dr. Lisnyk Student Ship Design Competition (three awards given). In addition to paper awards, SNAME offers more than \$80,000 in scholarships annually to both undergraduates and graduates. Additional opportunities include the SNAME Student Section Grant Program and grants offered by local Sections.

All of these student benefits are available for only \$35 a year, a very affordable rate that has not increased since 2010. Even better, you can pay the Student Member rate for your first year after graduation as you enter industry. It's SNAME's way of welcoming you into our global maritime family.

Interested in joining a Student Section? Contact your school's Student Section Advisor or contact SNAME Education at [Education@sname.org](mailto:Education@sname.org) for more information. And best of luck for the new school year!

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## SHARING MARINE ENGINEERING TRAINING ACROSS THE WORLD



*University of Namibia, Ongwediva*

In 1990, after a prolonged border war with neighboring nations, the country of South West Africa gained its independence from South Africa, becoming the new nation of Namibia.

Since then, this vast country of only 3 million citizens has initiated a host of infrastructure projects. Building its education system has been one of its most ambitious undertakings.

The University of Namibia is composed of a network of colleges located across the country. At the heart of Namibia's northern regions, which account for about 60 percent of the population, lies the Engineer José Eduardo Dos Santos (JEDS) Campus. The JEDS Campus is situated in the town of Ongwediva, about 700 km (430 miles) north of the capital of Windhoek. The campus houses the Schools of Engineering, Information Technology, and Architecture and Urban Planning. The JEDS Campus is by far the largest physical development in Ongwediva, and Ongwediva is one of the fastest-growing towns in Namibia. Not only has the campus been

described by the Namibian press as a "Star in the North," but as it continues to grow and flourish, it will eventually transform Ongwediva into a university town.

In addition to being one of Africa's largest nations, Namibia also has a vast, 1500-kilometer (930-mile) coastline. For this reason, the School of Engineering and the Built Environment has asked the American Fulbright Specialist Program for help in developing a course in Marine Engineering. SNAME Fellow Professor William Caliendo has been awarded this scholarship to help create the curriculum.



Bill Caliendo's experience in industry and academia, and his service in professional societies and professional licensing make him uniquely suited for this endeavor. After earning his BSE in Naval Architecture from the State

University of New York, Maritime College, he went on to earn a Master of Engineering degree and a Doctor of Philosophy degree in Ocean Engineering from Stevens Institute of Technology. Bill still holds a Merchant Mariner License and is a Registered Professional Engineer (Naval Architecture and Marine Engineering) in New York.

His industry experience was gained over eight years at the New York naval architecture firm C.R. Cushing & Co., where he rose from the position of Junior Engineer to Engineer, Senior Engineer and finally Associate.

Through Bill's 25 years of college teaching, he covered a number of disciplines, including engineering science, operational engineering, applied engineering and design courses spanning mechanics, marine engineering, and naval architecture. He taught at both State University of

New York (SUNY) Maritime College and the United States Merchant Marine Academy (USMMA), at Kings Point NY. At Kings Point, he held a variety of posts, including Sea Project Coordinator, Director of the Master of Science in Marine Engineering Program, Assistant Department Head, and Department Head. He is currently Professor of Engineering in the Department of Marine Engineering.

SNAME is excited to support Bill in any way we can in order to help cultivate this new program. Bill has previously served as Chair of the Metropolitan Section and Regional Vice President for SNAME, as well as working as an Instructor and Director for SNAME's Professional Engineer Review Course (PERC), so he has a deep understanding of SNAME's academic focus and professional development efforts.

Currently on sabbatical from USMMA, Bill is working on the course curriculum before he leaves for Namibia in early September. He plans to stay approximately six weeks, working with local professors to build the framework for this new degree.

He saw this sabbatical as a great opportunity to share a lifetime of experience and decided to do this for the same reason he works with NCEES and PERC: Just as others made many opportunities available for him, he wants to do for others and give back to our industry.

As the society responsible for ABET accreditation of marine engineering, naval architecture, and ocean engineering programs around the world, SNAME looks forward to one day including the University of Namibia in its listing of more than 25 accredited engineering programs – not to mention welcoming the first SNAME Student Section located in Sub-Saharan Africa.

We wish Bill safe and fruitful travels and will keep up with him as he carries out this exciting assignment. Stay tuned!

## LEARN FROM YOUR FELLOW SECTIONS!



### HIGHLIGHTED WEBINARS FOR AUGUST

Access to the SNAME Webinar Library is free to all active members. The following are recent virtual events presented by Sections across the world.

#### **The Science Behind Ballast Water Management**

**Speaker:** Sarah Bailey, Senior Scientist at Fisheries and Oceans Canada

[Watch here.](#)

Summary

Ships' ballast water and biofouling have been responsible for the introduction of numerous non-native aquatic species to Canadian aquatic ecosystems. Many international commercial ships are now using ballast water management systems (BWMS) to treat their ballast water to minimize the introduction and spread of potentially harmful aquatic organisms and pathogens and to meet requirements of the International Convention for the Control and Management of Ships' Ballast Water and Sediments. While there are a number of approved ballast water treatment systems, there is very little real-world data documenting BWMS efficacy on operational ships. This webinar presents the results of recent research in Canada on BWMS efficacy, along with technical insights that are informing policies on ballast water management globally.

#### **SNAME Mentorship Program: PE License Panel Discussion**

**Speakers:** Nick Hunter – Senior Naval Architect/Marine Engineer at NETSCo; Jourdan Puyau - Chief Naval Architect at Baker Engineering Solutions; Sean Noste – Project Engineer at General Dynamics NASSCO

[Watch here.](#)

Summary

This panel features professional engineers in the maritime industry discussing the process required to obtain their certification. Panelists share their advice and experiences in order to help prepare engineers who are considering getting a Professional Engineering License.

#### **Ocean Energy Capture for Long-Endurance Autonomous Surface Vessels**

**Speakers:** LT Stephen J. Bruno, USCG; LT Timothy M. Powell, USCG; LT Charles Thigpen, USN

[Watch here.](#)

Summary

This session features the presentation of the research paper titled "Ocean Energy Capture for Long-Endurance Autonomous Surface Vessels." It includes a Q&A session.

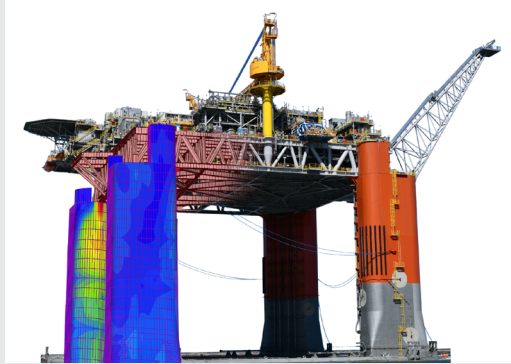


**Rich Delpizzo**

Education Director

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## T&R BULLETIN ON STRUCTURAL FINITE ELEMENT ANALYSIS TO DEBUT IN SEPTEMBER



*Figure 1 – Structural Analysis of the Delta House design from Exmar – currently the most used production platform design in the Gulf of Mexico (Courtesy of Exmar Offshore Company)*

Structural Finite Element Analysis (FEA) is routinely used in design offices around the world. FEA approximates the structural response based on assumptions of the geometry and materials as well as load cases and boundary conditions.

An accurate estimation of strains and stresses of interest to structural verification can be obtained with careful modeling and interpretation of results. Like all powerful tools and methodologies, the benefits of FEA are only apparent when used proficiently. However, if misapplied, it can yield incorrect and misleading results. While the theory of FEA is covered well in various textbooks, there is little guidance directed at analysts working in a design environment.

To address this shortcoming, Panel HS-3 Stress Analysis & Strength of Elements has developed guidance; this will be published shortly as *Bulletin 2-36: Guidelines for Structural Finite Element Analysis of Marine Structures*.

Bulletin 2-36 was developed to help address some of the ambiguities in the use of structural FEA and some of the most common modeling errors made by analysts working on the analysis of ship and offshore structures. While the Bulletin will be especially useful to early-career engineers, experienced engineers will also find it informative.

For more information, contact Rick Ashcroft, Technology and Research Director, at [rashcroft@sname.org](mailto:rashcroft@sname.org).

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### UPDATE: TRANSFER OF THE SSC LIBRARY

The transfer of the Ship Structure Committee library to SNAME that was reported in the July newsletter is progressing smoothly. The library is expected to be accessible by 01 September via the SNAME page on OnePetro.

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### BE SURE TO CATCH THE T&R WEBINAR ON MARINE COMPOSITES!

The T&R Webinar Series continues with “Marine Composites – Uses and Challenges,” which will be offered as a virtual event from 1500-1730 (ET) on 24 September. Presenter Al Horsmon will open with an overview of how composites have been successfully used in ship structures and explain why their use is not more widespread. The presentation will summarize the main challenges of using composites and how to mitigate the associated problems. Attendance is free for members and \$25 for non-members. To learn more and register, follow this link: [Webinar - Marine Composites - Uses and Challenges](#)

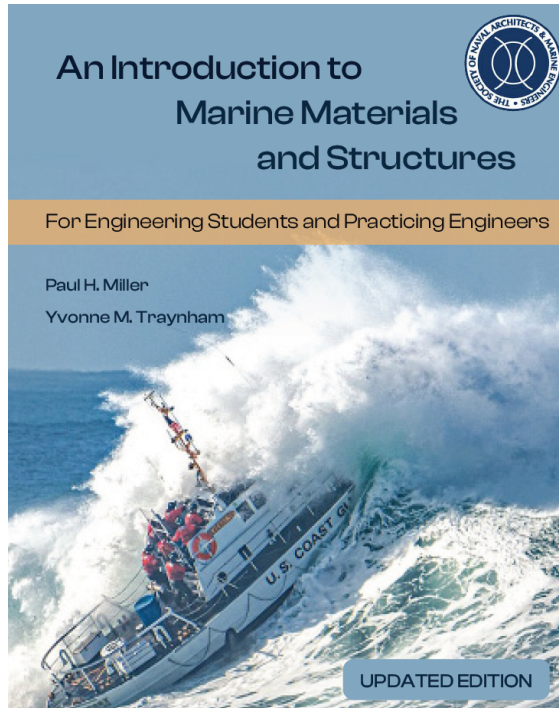


**Rick Ashcroft**

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



## NEWLY UPDATED TEXTBOOK READY FOR FALL 2025 STUDENTS



This August, SNAME released the updated edition of its 2024 title *An Introduction to Marine Materials and Structures: For Engineering Students and Practicing Engineers*. Authored by Paul Miller, newly retired from the U.S. Coast Guard Academy, and Professor Yvonne Traynham of Florida State University, this introductory textbook focuses on the materials and analysis methods used in the maritime environment. (You can read more about Paul in the Member Profile on page 4 of this issue.)

From the back cover:

“Starting in ancient times with hollowed out log canoes and continuing today with carbon fiber composite hydrofoils and sustainable materials, the relationship between materials and structural design in the marine industry is of complementary necessity. Without a

basic understanding of materials and fabrication, an engineer will be challenged to develop an acceptable structural design. Similarly, without a fundamental understanding of analysis methods and structural design approaches, an engineer will find it hard to select appropriate materials. In this first-of-its-kind approach, two widely experienced professors present an introductory book that combines marine materials and structural design for marine structures. Intended as an undergraduate text suitable for semester-long courses in materials science for engineers and marine/ship structural design, this book is a valuable reference for practicing engineers and for those engineers moving into the marine industry.”

### 2025 UPDATES INCLUDE:

- ▶ A section on diffusion in engineering materials, added to the chapter on Material Properties
- ▶ Modifications to figure 2.10.12
- ▶ Some minor editorial corrections

Buy the updated edition from SNAME [here](#).



**Eland Mann**

Publications Coordinator  
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# EVENTS





## 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!



### Introduction Course to Maritime Batteries

Increase your knowledge about maritime battery technology and marine electrification, and kickstart your career in marine electrification. Join us in supporting the maritime industry to transition to an electrified future!

[director@maritimebatteryforum.com](mailto:director@maritimebatteryforum.com) [www.sname.org](http://www.sname.org)  
[www.maritimebatteryforum.com](http://www.maritimebatteryforum.com)

## SNAME PARTNERS WITH THE MARITIME BATTERY FORUM FOR WORKSHOP COURSES

Want to learn about maritime battery technology and marine electrification?

The Marine Battery Workshop is in alignment with the shared vision of SNAME and the Maritime Battery Forum to build capacity and competency in the marine sector. This in-person workshop in Ottawa builds on the Maritime Battery Forum (MBF) courses delivered worldwide and the MBF-led in-person courses provided at both MARITECH 2024 and 2025.

### SNAME Eastern Canadian Section - Marine Battery Workshop - IN-PERSON EVENT

**When:** Sep 17, 2025 from 8:00 AM - 4:00 PM (ET)

**Register Now:** [SNAME Eastern Canadian Section - Marine Battery Workshop](#)

SNAME will provide a certificate of participation upon completion.



## SUBMIT YOUR PAPER PROPOSAL FOR OTC 2026 TODAY!

The Call for Papers is now open for Offshore Technology Conference (OTC) 2026, the leading global forum for technical excellence in offshore energy. This is your opportunity to share your expertise, showcase impactful work, and join a global community of innovators, engineers, and industry leaders.

Your experience matters. Are you advancing subsurface engineering, field development, carbon management, drilling, completions, or production systems? Share your work.

Submit your proposal by 9 September 2025 and let your expertise shape the future of offshore energy!

To see a complete list of topics and submit your proposal, visit the [website](#).



## 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!

# EVENTS

## UPCOMING GLOBAL INDUSTRY EVENTS:

- 2 - 5 September** – [SPE Offshore Europe Conference & Exhibition](#), Aberdeen, Scotland
- 15 -19 September** – [London International Shipping Week](#), London, UK
- 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:

- 3 September 2025** - [Hampton Roads Section Fall Social](#), In-Person Event  
(Contact: Kristina Matranga, [kristina.c.matranga@hii-nns.com](mailto:kristina.c.matranga@hii-nns.com))
- 10 September 2025** - [SNAME Chesapeake YP Happy Hour](#), In-Person Event  
(Contact: Candace Wiwel, [cwiwel27@gmail.com](mailto:cwiwel27@gmail.com))
- 17 September 2025** - [Advancements in the study of load distribution in cable carousels](#), Virtual Event (Contact: Paulo Cesar Brito, [pbrito@sname.org](mailto:pbrito@sname.org))
- 17 September 2025** - [SNAME Eastern Canadian Section - Marine Battery Workshop](#), In-Person Event (Contact: Glenn Walters, [glenn.walters87@gmail.com](mailto:glenn.walters87@gmail.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.



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