



SNAME 2013

ANNUAL MEETING & EXPO
& Ship Production Symposium

Where Industry & Technology Meet



November 6-8, 2013
Bellevue, WA

DON'T MISS:

40+ Hours of Technical Programming, including:

- SNAME Technical Papers
- NSRP Ship Production Symposium (SPS) Papers
- Technical & Research (T&R) Sessions
- Special Panel Discussions

Student Program

External Training Courses

Expo Featuring the Latest Technologies

Innovation Sessions

Continuing Education Courses

Alumni Events

Networking Events

Offsite Events:

- 6th Annual Golf Tournament
- 5th Annual SNAME Cup Sailing Regatta
- 3rd Annual Footy Yacht Regatta Design & Competition



Visit <http://www.sname.org/2013AnnualMeeting> for up to the minute information.



Dear Colleagues:

I look forward to welcoming you to the SNAME 2013 Annual Meeting & Expo in Bellevue, WA on November 6-8. In response to your input, we have continued to revise and update the format of the meeting. This means a renewed emphasis on networking opportunities, enhanced rigor and timeliness of the technical program, an expanded set of continuing education courses, and social events.

Technical papers remain a key component of our Annual Meeting, and we once again feature a broad range of papers and presentations together with the Ship Production Symposium (SPS). Continuing our successful series of Panel Sessions, we will again feature panel discussions with focused presentations from industry leaders followed by interactive discussions. The Panel Sessions for this year include:

- Energy Efficient Shipping
- LNG Fuel for Ships – Opportunities and Challenges
- China – Design and Construction of Marine, Offshore and Naval Vessels

I am especially pleased with the growth in student participation in our Society and meetings. It's a great place for students to learn, socialize with their peers, network with industry leaders, and for prospective employers to meet future employees. We offer a packed program for students, including the Student Congress; Design Competition; Job, Scholarship, and Graduate School Fair; Student Papers Track; and social events, such as the Saturday Student Program in Seattle.

The SNAME Expo will feature the best in maritime products and technologies. The Innovation Sessions, where exhibitors present their products and services in classroom-like settings are back again by popular demand. I invite you to see the technology of tomorrow today.

The "icebreaker" Reception, Annual Banquet, Awards Luncheon, and Expo provide many networking opportunities. Other social events will include the 6th Annual Golf Tournament on Tuesday, the 3rd Annual Footy Regatta on Friday, and the 5th Annual SNAME Cup Sailing Regatta on Saturday. Stay tuned to our website at www.SNAME.ORG/2013AnnualMeeting for further details on the technical and social programs.

Bellevue is the fifth largest city in Washington, with a population of more than 126,000. It is the high-tech and retail center of King County's Eastside, that boasts a thriving business community downtown. The city also retains a small-town feel with lush nature and wildlife featuring rustic trails, public parks and swimming beaches. So please join us in this idyllic setting for the 2013 SNAME Annual Meeting.

Sincerely,

Peter G. Noble
SNAME President, 2012-2014



Conference at a Glance

	Morning	Afternoon	Evening
Monday, Nov. 4			
Pre-Annual Meeting Training Course	[Activity]		
Tuesday, Nov. 5			
Pre-Annual Meeting Training Courses	[Activity]		
6th Annual Golf Tournament	[Activity]		
Wednesday, Nov. 6			
Pre-Annual Meeting Training Courses	[Activity]		
Continuing Education Courses 1, 2	[Activity]		
Committee Meetings	[Activity]		
SPS Technical Sessions		[Activity]	
SNAME Expo		[Activity]	
Student Program		[Activity]	
Expo Hall Coffee Break		[Activity]	
Welcome Reception			[Activity]
Student and Young Professional (YP) Social			[Activity]
YP Nite Out			[Activity]
Thursday, Nov. 7			
Continuing Education Course 3	[Activity]		
Committee Meetings	[Activity]		
Panel Sessions	[Activity]		
SNAME Expo	[Activity]	[Activity]	
Expo Hall Coffee Break	[Activity]	[Activity]	
Student Job, Scholarship & Grad School Fair	[Activity]	[Activity]	
SPS, SNAME, T&R, and Student Technical Sessions	[Activity]	[Activity]	
Expo Hall Boxed Lunch		[Activity]	
Pre-Banquet Reception			[Activity]
SNAME Annual Banquet			[Activity]
Post Banquet Reception			[Activity]
Friday, Nov. 8			
SNAME and T&R Technical Sessions	[Activity]		
Committee Meetings	[Activity]		
SNAME Expo	[Activity]	[Activity]	
Expo Hall Coffee Break	[Activity]	[Activity]	
Student Congress & Elections	[Activity]	[Activity]	
Awards Luncheon		[Activity]	
Panel Sessions		[Activity]	
3rd Annual Footy Yacht Regatta		[Activity]	
Alumni Receptions			[Activity]
Saturday, Nov. 9			
5th Annual SNAME Cup Sailing Regatta	[Activity]		
Saturday Student Program	[Activity]		

Accommodations

The Hyatt Regency Bellevue
 900 Bellevue Way N.E.
 Bellevue, WA 98004
 (T): 425-462-1234
 Website: www.bellevue.hyatt.com



RESERVATIONS PROCESS & BOOKING WEBSITE

Online and phone reservations accepted
 Attendee: \$192.00
 Government per diem: Prevailing rate - \$137.00
 Student: \$139.00

Rates: Monday, November 4, 2013 – Saturday, November 9, 2013

Reservations must be made by October 14, 2013
 Cancellations: Must be made at least 7 days prior to arrival.

Online booking is preferred.

Attendees need to mention the meeting they are affiliated with and no additional code is required. Any phone reservations should call the following number: 1-888-421-1442



Technical Program

Check the website for more details www.sname.org/2013AnnualMeeting

Pre-Annual Meeting Training Courses

Monday, November 4- Wednesday, November 6

ABS - An Introduction to Arctic Engineering

Date: Tuesday, November 5 / Location: Birch, 3rd Floor

For more information, contact James Bond at jbond@eagle.org.

CD-Adapco - The Virtual Tow Tank

Instructor: TBD, CD-Adapco

Date: Tuesday, November 5 / Location: Board Room

For more information, contact Bryant Aliaga at Bryant.Aliaga@cd-adapco.com.

Creative Systems, Inc. - General GHS Training

Instructor: Lucas Hart, Creative Systems

Date: Monday, November 4- Wednesday, November 6 / Location: Monday – Laurel, Tuesday – Cottonwood, Wednesday - Laurel

For more information, contact support@ghsport.com.

DNV - An Introduction to LNG for Naval Architects and Marine Engineers Course

Instructor: Tony Teo, DNV; Peter G. Noble, Noble & Associates LLC; Guest Speaker

Date: Tuesday, November 5 / Location: Juniper, 3rd Floor

For more information, contact Cynthia Ervin at Cynthia.Ervin@dnv.com.

HydroComp, Inc. - HydroComp NavCad “Best Practices” Training Course

Instructor: Donald MacPherson, HydroComp

Date: Tuesday, November 5 / Location: Madrona, 3rd Floor

For more information, contact info@hydrocomp.com.

Numeca International - FINE™/Marine “CFD for Naval Architects” Workshop

Date: Tuesday, November 5 / Location: Laurel, 3rd Floor

For more information, contact Drew Lytle at drew.lytle@numeca.com.

Continuing Education Courses

Wednesday & Thursday, November 6-7

Course 1 (Wednesday): Yacht Design - Robert Beck and Kevin Maki

This course will focus on the different analyses of the forces and moments on a sailing yacht, airfoil theory, keel and rudder design, sail design, model testing, and the use for computers in yacht performance analysis. A spreadsheet-based velocity prediction program and polar velocity diagram will be introduced. The course will draw heavily on the textbook Principles of Yacht Design, by Larsson and Eliasson.

Course 2 (Wednesday): Ship Production - Thomas Lamb

This course presents a summary of shipbuilding best practices prepared by Thomas Lamb based on his visits to over 30 shipyards in Europe and Asia during the past 20 years. The one-day course will present the characteristics of successful (World Class) shipyards, shipyard layout and equipment, major shipbuilding developments around the world, modern shipbuilding Best Practice for hull and outfitting, launching methods, and naval shipbuilding practices. The primary focus is on commercial shipbuilding but naval shipbuilding best practices will also be considered.

Course 3 (Thursday): Marine Engineering - Kevin Prince

This course provides an overview of the ship machinery systems design process for early phase ship design. The focus of the course is on early design phase propulsion plant and propulsion auxiliary system selection and sizing. Included is use of early design phase hydrodynamic data to determine the propulsion powering need to size the propulsion plant, select the most efficient propulsion plant configuration, and to determine the initial propeller design. The course also covers the development of machinery arrangements and the sizing of propulsion support auxiliary systems.



Technical Program

Check the website for more details www.sname.org/2013AnnualMeeting

NSPR Ship Production Symposium (SPS)

Wednesday – Thursday, November 6-7

The Ship Production Symposium, hosted by the National Shipbuilding Research Program and SNAME, is an annual symposium that presents original and timely technical papers addressing problems of shipyard techniques and production of merchant and naval ships. It is a forum to discuss the worldwide development of ship production engineering, ship design (including production) and other marine technology topics, such as ship operations, shipping economics, and safety.

SNAME Technical Papers

Thursday- Friday, November 7-8

This year we expect to have up to 30 peer-reviewed papers addressing significant recent developments in several branches of Naval Architecture and Marine Engineering. Each paper will feature active discussion and Q&A, offered by world-renowned experts in their fields. There is truly “something for everyone.”

Technical & Research (T&R) Sessions

Thursday- Friday, November 7-8

The T&R Sessions offer timely highlights and issues being addressed through the activities of Committees and Panels responsible for the technical and research efforts of the Society. Whereas the SNAME Technical Papers, Student Papers, and SPS sessions present completed materials and reports, the T&R sessions are intended to be presentations of work underway, with the opportunity for interactive discussion to enhance and expand the value of these efforts. Check the Annual Meeting website for a list of T&R topics.

Student Papers Track

Thursday, November 7

Both Undergraduate and Graduate students are encouraged to submit papers to present at the Student Papers Track. We invite you to support the future of Naval Architecture and Marine Engineering.

Special Panel Sessions

Thursday – Friday, November 7-8

Panel Session 1 (Thursday): Energy Efficient Shipping

Chair: Jan de Kat, ABS

Panel Session 2 (Thursday): LNG as Ship's Bunkers – Opportunities and Challenges

Co-Chairs: Spencer Schilling, Herbert Engineering and Stephen Kemp, Stephen G. Kemp Marine and Process Controls, LLC.

Panel Session 3 (Friday): China – Design and Construction of Marine, Offshore and Naval Vessels

Co-Chairs: Joe Comer, Ship Architects, Inc. and Harry Ren, Diamond Offshore Drilling, Inc.

Panel Session 4 (Friday): Emergent Technologies for the Marine Industry

Chair: Lars Ronning, Statoil

Special Panel (Friday): Young Professionals and 50 Year Member Panel Session

Chair: Stefan Wolczko, Guido Perla & Associates, Inc. / Chair, Young Professionals Committee



Networking Events

6th Annual Golf Tournament

Tuesday, November 5, Offsite Event

The Society invites you, your colleagues, and friends to participate in the 6th Annual SNAME Golf Tournament on Tuesday, November 5. The course will be selected to ensure that all golfers enjoy a day of fun and camaraderie. All proceeds raised will go toward supporting the SNAME Scholarship Fund. The Golf Committee is chaired by David St. Amand.

Welcome Reception

Wednesday, November 6, 6:00pm – 8:30pm, Grand Ballroom

Help kick off the 2013 SNAME Annual Meeting & Expo at the opening reception. Meet the exhibitors and network with colleagues and friends while enjoying an array of appetizers. Cash bars will be available throughout the Expo Hall.

Students and Young Professionals Social

Wednesday, November 6, 8:30pm – 10:30pm, Grand Ballroom Foyer

Network and socialize with the Students and Young Professionals. Share experiences while making contacts with future colleagues.

Expo Hall Boxed Lunch

Thursday, November 7, 1:00pm – 2:30pm, Grand Ballroom

Walk the Expo floor while enjoying a boxed lunch.

SNAME Annual Banquet

Thursday, November 7, 7:00pm – 9:30pm, Evergreen Ballroom

The SNAME Annual Banquet is always a highlight of the Annual Meeting. Following a hearty meal, the Society presents its highest award and honors, including SNAME medals. Students attend the banquet at no charge, courtesy of Bruce S. Rosenblatt & Associates, LLC. Continue the evening at the Post Banquet Reception and enjoy dessert and after-hours networking.

SNAME Awards Luncheon

Friday, November 8, 12:30pm – 2:30pm, Evergreen E-I

The Friday luncheon includes the awards presentations for papers of excellence, the Dr. James A. Lisnyk Ship Design Competition Award, and awards for participation in Society activities. The event ends with the business session.

3rd Annual Footy Yacht Regatta Design & Competition

Friday, November 8, 4:30pm – 6:00pm, Offsite Location

SNAME has promoted a series of design competitions over the years, which have been primarily focused on Student Members and middle and high school students. For this third annual, Members are invited to build a Footy boat in accordance with the Class Rules. Contestants will be judged in the design-build competition and awards will be made in several categories.

Alumni Events

Friday, November 8, 5:00pm, Hyatt Regency Bellevue and Offsite Locations

Join fellow alumni for an evening of revelry and reminiscing.

5th Annual SNAME Cup Sailing Regatta

7:00am – 9:00pm, Meydenbauer Bay

The 5th Annual SNAME Cup Sailing Regatta will be held on Saturday, November 9 with sailing out of Meydenbauer Bay Yacht Club on Lake Washington. Transportation to and from the Hyatt Regency Bellevue will be provided, along with breakfast and lunch. The day's event will culminate with a dinner highlighting the local cuisine, along with entertainment and the presentation of the SNAME Cup. All proceeds raised will go toward supporting the SNAME Scholarship Fund. The Regatta Committee is co-chaired by Ken Lane and Lisa Renehan.

REGISTRATION PACKAGES

FULL	Early	After 10/14 and Onsite	
Member	\$660	\$760	
Under 32/Over 65	\$560	\$760	Total:\$ _____
Non-Member	\$860*	\$960*	

Includes: Technical Program, Expo, Expo Hall Coffee Breaks, Welcome Reception + 2 Drink Tickets, Expo Hall Boxed Lunch, Proceedings (USB and printed).

AUTHOR	Non-Member Author \$460*	Member Author \$360	One-Day \$200	Total:\$ _____
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Includes: Technical Program, Expo, Expo Hall Coffee Breaks, Welcome Reception + 2 Drink Tickets, Expo Hall Boxed Lunch, Proceedings (USB and printed).
 Select One-Day: Wednesday, November 6 _____ Thursday, November 7 _____ Friday, November 8 _____

STUDENT	Member	\$100	Total:\$ _____
	Non-Member	\$135*	

Includes: Technical Program, Expo, Expo Hall Coffee Breaks, Welcome Reception + 2 Drink Tickets, Expo Hall Boxed Lunch, Proceedings (USB and printed). Banquet ticket included courtesy of Bruce S. Rosenblatt & Associates, LLC.

ONE-DAY	Member	\$460	Total:\$ _____
(Wednesday, Thursday or Friday)	Non-Member	\$660*	

Includes: Technical Program, Expo, Expo Hall Coffee breaks, and Proceedings (USB and printed). Wednesday only includes Welcome Reception + 2 Drink Tickets, Thursday only includes Expo Hall Boxed Lunch.
 Select One-Day: Wednesday, November 6 _____ Thursday, November 7 _____ Friday, November 8 _____

GUEST	Guest	\$75	Total:\$ _____
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Includes: Technical Program, Expo, Expo Hall Coffee Breaks, Welcome Reception + 2 Drink Tickets.

EXPO ONLY REGISTRATION	FREE	Total:\$ _____
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Includes: Expo Hall, Expo Hall Coffee Breaks

TICKETED EVENTS

CONTINUING EDUCATION COURSE	(Course 1&2: Wednesday November 6/ Course 3: Thursday November 7)		
	Member	\$210	Course Name: _____
	Non-Member	\$410	Total:\$ _____

Includes: Course Completion Certificate.

WELCOME RECEPTION	(additional tickets)		
	Wednesday, November 6:	\$70	Total:\$ _____

EXPO HALL LUNCH	(additional tickets)		
	Thursday, November 7:	\$25	Total:\$ _____

ANNUAL BANQUET	Thursday, November 7: Single Ticket:		\$125
	Table of Ten:	\$1,400 (please contact Alana Anderson: alana@sname.org/201-499-5066)	
	Students:	Complimentary (courtesy of Bruce S. Rosenblatt & Associates, LLC)	
			Total:\$ _____

Check for vegetarian meal option

AWARDS LUNCHEON	Friday, November 8:		
	Registered Attendees:	\$10	Total:\$ _____
	Students:	\$5	
	Guests:	\$45	

Check for vegetarian meal option

6TH ANNUAL GOLF TOURNAMENT

Tuesday, November 5. Contact Alana Anderson at alana@sname.org for registration information.

5th ANNUAL SNAME CUP SAILING REGATTA

Saturday, November 9. Contact Alana Anderson at alana@sname.org for registration information.

**Non-member registration includes one-year of membership (upon completion and approval of membership application by the Application Committee).*

Full Name: _____ Membership # _____

Company Name: _____

Address: _____ City _____ State _____ Zip _____

Country _____ Email _____ Phone _____

Method of Payment: Check (payable to SNAME) Visa Mastercard Amex

Credit Card # _____ Exp. Date _____ Security Code _____

Signature _____ Total:\$ _____

Proceedings – Please select your preferred format: Printed ___ USB ___ Both ___ None ___

Cancellation Policy: Requests for refunds will not be honored after October 1, 2013. A \$40 cancellation fee will be deducted from all refunds-all refunds will be issued after the meeting.

Registration may be faxed to 201-798-4975 or mailed to SNAME, 601 Pavonia Ave. Jersey City, NJ 07306

SNAME would like to thank the following sponsors for their generosity and support to the Society and Annual Meeting.



ROBERT ALLAN LTD.
NAVAL ARCHITECTS AND MARINE ENGINEERS



OCEAN SHIPHOLDINGS, INC.
Superior Vessel Management
oceanshipholdings.com



Save the Date

SNAME 2014 Annual Meeting and Expo

October 22-24, 2014

Houston, TX

