



SNAM²⁰⁰⁹

ANNUAL MEETING & EXPO

Where Industry & Technology Meet

EXPO NETWORKING COURSES STUDENTS PANELS

CONFERENCE AND REGISTRATION INFORMATION

OCTOBER 21-23, 2009
PROVIDENCE, RHODE ISLAND

www.SNAME.org



EXPO AND NETWORKING EVENTS

2009 SNAME Annual Meeting and Expo

The 2009 SNAME Annual Meeting and Expo is the only professional meeting that includes all of the diverse technical interests and professional specialties in naval architecture, marine engineering and marine sciences.

Technical Paper Presentations

TECHNICAL PAPER PRESENTATIONS will cover an expanded range of topics. The SNAME 2009 Annual Meeting technical papers will include short papers as well as traditional lengthy presentations. These technical presentations will be presented in a forum that encourages audience interaction and discussion with the presenters.

Courses

NEW COURSES have been added to the continuing education program. These courses are offered on Wednesday October 21, 2009 from 9 am to 5 pm. All of the courses have been approved for 7 continuing education credit.

Networking Events

NETWORKING is a key element of the SNAME 2009 Annual Meeting. Here is your opportunity to meet our peers from across all segments of your profession. The SNAME 2009 Annual Meeting is designed to increase your opportunities to share ideas across the entire profession and to increase your range of personal and professional contacts.

"Build relationships that lead to success" Nearly 98% of 2008 attendees said the opportunity to network, share technical information and challenges with peers was a major benefit of attending.

Panel Discussions

NEW PANELS have been added for 2009.

1. Electric Ships the Shipbuilders Perspective
2. Ocean Energy Wind, Waves, Currents
3. Autonomous & Unmanned Vehicles in and on the Ocean
4. Climate Change - Marine Air Emissions - Where are we? and where are we going?

"Receive value for the time and money invested"
91% of 2008 attendees responded that the SNAME Annual Meeting technical program as the best value in the industry for quality and content.

Student Program

STUDENT PROGRAM, student congress, design competition, the job fair, student paper presentations, the student social, and student participation throughout the SNAME 2009 Annual Meeting. You will get to meet some of the best and brightest students preparing for our profession..

EXPO

SNAME EXPO gathers the best maritime products and technologies in one location for information exchange, sales and networking.

The EXPO FLOOR will feature innovation sessions presented by our exhibitor colleagues. These sessions will enable you to see and learn about cutting edge innovations in product design and technology developments.

The Ship Production Symposium

The SPS will again feature a panel of leading professionals in a format that will include audience questions and discussion.





CONFERENCE SCHEDULE

Conference Schedule

Tuesday, October 20th

9:00 am - Golf Outing
11:00 am - 5:00 pm SNAME EXPO Move-in

Wednesday, October 21st **Expo Open Noon - 5:00 pm**

9:00 am - 5:00 pm Course 1 - Early Phase Ship Design
9:00 am - 5:00 pm Course 2 - Marine Engineering
9:00 am - 5:00 pm Course 3 - Yacht Design
1:00 pm - 5:30 pm Student Welcome and Design Competition
6:00 pm - 8:00pm President's Reception
8:00 pm - 9:30 pm Young Professionals & Student Social

Thursday, October 22nd **Expo Open 10:00 am - 5:30 pm**

8:00 am - 8:30 am President's Welcome
8:30 am - 10:00 am Panel Discussion: Electric Ships the Shipbuilders Perspective
8:30 am - 10:00 am Panel Discussion: Ocean Energy Wind, Waves, Currents
10:00 am - 11:00 am Expo Hall Morning Refreshments
10:00 am - 12:00 pm Student Congress & SSC Elections
11:00 am - 5:30 pm Student Poster Display
11:30 am - 12:30 pm Technical Program (Multiple Tracks)
12:00 pm - 2:30 pm Student Job Fair
1:00 pm - 2:30 pm Expo Hall Lunch
6:00 pm - 7:15 pm Pre-Banquet Networking Reception
7:15 pm - 9:30 pm Annual Banquet and Awards
9:30 pm - 11:00 pm Post Banquet Reception - Desert and Coffee

Friday, October 23rd **Expo Open 8:00 am - 12:00 pm**

8:00 am - 9:30 am Expo Hall Morning Refreshments
8:00 am - 2:30 pm Student Poster Display
11:00 am - 5:30 pm Technical Program (Multiple Tracks)
12:30 pm - 2:30 pm Presidents Luncheon
2:00 pm - 4:00pm Panel Discussion: Autonomous & Unmanned Vehicles in and on the Ocean
2:00 pm - 4:00pm Panel Discussion: Climate Change - Marine Air Emissions - Where are we? Where are we going?
5:00 pm - Alumni Events

"Engage in the latest industry education"
95% of 2008 attendees rated the quality of technical papers, panels and presentations as top notch.

AM 09 Capsule Course Descriptions.

Course 1. Early Phase Ship Design - Benjamin Capuco (Gibbs & Cox, Inc.) and Sean Walsh (Alion Science) This course is an overview of the early stage ship-design process, encompassing feasibility studies and preliminary design to show how an integrated ship design is developed, starting with a statement of owner's requirements. Topics addressed include preliminary performance studies, ship synthesis models; hull, machinery, combat systems, and systems engineering analyses, trade-off studies, design integration; and notes on the design of specific ship types, including high-performance ships.

Course 2. Marine Engineering - Kevin Prince (Gibbs & Cox, Inc.) This course reviews marine engineering functional requirements for ship design, addressing ship design phases, systems engineering analyses and integration, propulsion plant design, electrical generation plant design, and auxiliary system pump selection.

Course 3. Yacht Design - Drs. Robert Beck and Kevin Maki (University of Michigan) This course will focus on different analyses of the forces and moments on a sailing yacht, airfoil theory, keel and rudder design, sail design, model testing, and the use of 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.

All will be accredited for 7 PDHs.





CONFERENCE REGISTRATION

REGISTER ONLINE at www.sname.org OR Fax this form to 212-254-6271

Full Name: _____
 Company Name: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Country: _____
 E-mail: _____
 Phone: _____

REGISTRATION TYPES

FULL (Includes ALL Authors) - Name badge, Expo Hall President's Reception, Technical Program, Panel Sessions: Electric Ships the Shipbuilders Perspective; Ocean Energy Wind, Waves, Currents; Autonomous & Unmanned Vehicles in and on the Ocean; Climate Change - Marine Air Emissions - Where are we? where are we going?, Business Session, President's Luncheon, Expo, Expo Hall Morning Breaks, Expo Hall Lunch, CD ROM of Proceedings.

Non-member Conference Registration provides opportunity for Society membership as an Associate Member for the year 2010 at no additional cost (completion of membership application required).

STUDENT - Includes all of the above, plus Young Professionals Student Social, Student Steering Committee Meeting, Student Job Fair, and Student Congress and Design Competition, Annual Banquet Ticket. **Student Non-member Conference Registration** provides opportunity for Society student membership for the year 2010 at no additional cost (completion of membership application required).

ONE DAY - Registrants are provided with Badge, Expo Attendance & CDROM of Proceedings.

Thursday attendees have access to Thursday - Technical Program, Panel Sessions: Electric Ships the Shipbuilders Perspective; and Ocean Energy Wind, Waves, Currents, Expo Hall Morning Break and Expo Lunch. Friday attendees have access to Friday - Technical Program, Special Panel Sessions: Autonomous & Unmanned Vehicles in and on the Ocean and: Climate Change - Marine Air Emissions - Where are we? and where are we going, Expo Hall Morning Break and President's Luncheon.

SPOUSE/COMPANION - Name badge, Expo Hall President's Reception, Expo, Expo Hall Morning Breaks.

COURSES - Attendance at registered Course and receipt of Continuing Education Certificate. **Non-member Course Registration** provides opportunity for Society membership as an Associate Member for the year 2010 at no additional cost (completion of membership application required).

ANNUAL BANQUET TICKET - Purchase is required for individuals or tables of 10. Corporate Tables are available. Note: the annual banquet has sold out the past 2 years, please reserve your tickets early.

GOLF OUTING - Triggs Memorial Golf Course, Shot Gun Start, Halfway House refreshments, post outing reception, prizes for top two teams and other individual awards.

SAILING REGATTA - Sail Newport in chartered J/22's at Ft. Adams State Park and join us for the reception and dinner at the Hershoff Museum. Visit www.SNAME.org for updates.

SAILING REGATTA RECEPTION ONLY - For spectators and cheering sections of our racing teams! Spend the day in Newport and join us for the Reception and dinner at the Hershoff Museum. Visit www.SNAME.org for updates.

If you wish to pay by check, please make all checks payable to SNAME and mail to: SNAME c/o New Wave Media, 118 East 25th Street, 2nd Floor, New York, NY 10010

FULL REGISTRATION	Early (through 9/23) Fees (\$ USD)	Late & onsite	Sub-Total
SNAME member	\$645	\$745	_____
SNAME member (under 32/over 65)	\$545	\$745	_____
Non-member	\$845	\$945	_____
Student member	\$100	\$100	_____
Student Non-member	\$135	\$135	_____

ALL AUTHORS

Indicate Paper No./Session		(Required)
Authors	\$445	_____

ONE DAY REGISTRATION**

Member	\$445	\$445	_____
Non-member	\$645	\$645	_____
Indicate day:	<input type="checkbox"/> Thursday	<input type="checkbox"/> Friday	_____

SPOUSE/COMPANION REGISTRATION

COURSE REGISTRATION	Member	Non-Member
#1 Design for Production	\$210	\$410
#2 Practical Seakeeping	\$210	\$410
#3 Offshore Engineering	\$210	\$410

SPECIAL EVENTS

Note: All Attendees may purchase tickets to these events, in addition to those included in each Registration Category.

QTY		
_____	President's Reception (Wed.)	@\$70
_____	Expo Hall Lunch (Thurs.)	@\$25
_____	Annual Banquet (Thurs.)	@\$125
_____	President's Luncheon (Fri)	@\$45
_____	Golf Outing (Tue.)	@\$75
_____	Sailing Regatta (Sat)	Check Website for details

TOTAL (\$USD): _____

NON-REGISTRANT

- I do not want to register. I just want to sign up for a course and/or purchase tickets to special events and/or purchase Proceedings CD
- Purchase Proceedings CD—Price \$100, plus \$10 shipping and handling.

METHOD OF PAYMENT:

Check (Payable to SNAME)
 Credit Card: VISA MASTERCARD AMEX
 Acct No.: _____
 Expiration Date: _____
 Signature: _____

CANCELLATION POLICY: Requests for refunds will be honored through 9/23/2009. A \$40 Cancellation fee will be deducted from all refunds and will issued after the meeting. No refunds will be granted after 9/23/2009.



GENERAL INFORMATION

THE WESTIN PROVIDENCE

Connected to the Rhode Island Convention Center and the new Providence Place Mall, and located in downtown Providence, The Westin Providence boasts an excellent location. Within walking distance of many gourmet restaurants and historic attractions, guests can experience all that the city has to offer.

With a heated indoor pool, fully equipped Capital Club fitness center, and the delicious Agora Restaurant and Bar, they have everything you need to relax and renew right here at The Westin Providence.



GETTING TO PROVIDENCE

Just an hour from Boston and three hours from New York City, Providence is a capital that is easy to get to and easy to get around in. It boasts a convenient airport, fast and reliable train service, and a facile bus system, meaning you can get there from here.

With more than 25 percent of the US population located within 500 miles, Providence is a quick getaway for many visitors and an easy commute for business travelers. Providence offers convenient highway access, a bustling train station in the heart of downtown, and an award-winning airport just 10 minutes away. There's even a scenic ferry to transport travelers from Providence to Newport.

TF GREEN AIRPORT

Only ten minutes from downtown Providence, Warwick's T.F. Green Airport was named one of the "Top

Five Alternative Airports" in the country by Forbes magazine and received a Reader's Choice recommendation from Condé Nast Traveler. Just off Exit 13 on Interstate Route 95, Green Airport is accessible to Boston, Cape Cod and Southeastern New England, and is fast-becoming a popular alternative to Boston's Logan Airport. It offers more than 160 direct flights

"Learn from exhibitors and better understand the products and services"
our attendees commented that displays were relevant and the innovation sessions helped them stay up-to-date on industry technology.

RAIL SERVICE

Providence is located on Amtrak's Northeast Corridor between Washington DC/New York City and Boston. High speed Acela Express train service transports passengers from New York City to Providence in about two and a half hours. For tickets call 1-800-USA-RAIL or visit www.amtrak.com. AMTRAK Offers New Low Fares. For rates, schedules and passenger information, call 800-USA-RAIL or visit Amtrak.com. Be sure to enter promo code "V174" for a special Visit Rhode Island rate.



CONFERENCE/EXPO ATTIRE

Business— Annual Banquet Only (Thursday Evening, Separate, ticketed event)
Business Casual—All other events

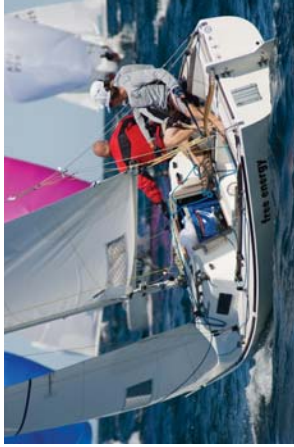


First Annual SNAME Regatta

This year we are planning a special event, hosting the first Annual Meeting Regatta. We will be chartering (12) J22 class boats and racing out of Sail Newport. The regatta will be held on Saturday, October 24. Racing will be from 10 am until 4pm and will take place in the waters off Fort Adams State Park. Planning is still underway with entry fees yet to be determined. Sponsorship opportunities will be available as well.



The day's events will include a visit to the Herreshoff Museum in Bristol, RI for those not wishing to sail. We will finish the day with a reception and dinner at the museum. Interested parties should monitor the SNAME website for entry fee information, sponsorship opportunities, and Notice of Race. Plan to spend the Saturday after the meeting enjoying the scenery of Rhode Island and racing in famous Newport.



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OCTOBER 21-23 2009

PROVIDENCE CONVENTION CENTER

PROVIDENCE, RI

**THE ONLY PROFESSIONAL MEETING THAT REPRESENTS
ALL THE DISCIPLINES OF NAVAL ARCHITECTURE,
MARINE AND OCEAN ENGINEERING.**

**SNAME
601 Pavonia Avenue
Jersey City, NJ 07306**