



The Institute of Marine Engineering, Science & Technology



Eastern USA Branch

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March 7, 2017

MEETING NOTICE

The next technical meeting of the IMarEST Eastern USA Branch will be a joint session with the Society of Naval Architects and Marine Engineers (SNAME), the Society of Marine Port Engineers (SMPE), and the American Society of Naval Engineers (ASNE). This meeting is being hosted by the IMarEST.

Date: Thursday, March 16, 2017

Location: SUNY Auditorium
The State University of New York
116 East 55th Street, New York, NY 10022
(55th Street between Lexington & Park Avenues)

Topic: Design Features and Construction of Passenger Schooner AMERICA 2

Presenter: John Scarano, Scarano Boatbuilding Inc.

<u>Time:</u>	Social Hour & Hot	– 5:30 PM	<u>Cost:</u>	Members	– \$40.00
	Buffet Bar			Non-Members	– \$55.00
	Technical Session	– 7:00 PM		Student Members	– \$15.00
				Student Non-Members	– \$25.00

Additional details about this presentation and future meetings can be found on the following pages.

Please E-mail your plans to attend to Bradley Golden, Chairman & Honorary Secretary (bradley.golden@tritec-marine.com) by Tuesday, March 14, 2017. We encourage inviting prospective new members interested in joining the Institute to attend a technical meeting as a guest of the Eastern USA Branch of the IMarEST.

Best regards,

Bradley D.M. Golden, Chairman & Honorary Secretary

Vice Chair – Technical
Paul Hormann
pmhormann@aol.com

Honorary Secretary Emeritus
Robert J. Bazzini



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TECHNICAL PRESENTATION INFORMATION

Date: Thursday, March 16, 2017

Location: SUNY Auditorium
The State University of New York
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Topic: Design Features and Construction of Passenger Schooner AMERICA 2

Presenter: **John Scarano, Scarano Boatbuilding Inc.**

John Scarano has been president and co-owner of Scarano Boatbuilding Inc. (SBI) since 1976. He is designer of record of 32 USCG Certificated passenger vessels which are currently in commercial service. Such vessels include designs in sail, power, wood, steel, aluminum and composite materials. He is also an ownership partner in Classic Harbor Line which operates sail and power excursion vessels in Boston, Newport, NYC and Key West. He has been a member of SNAME since 1998.

Abstract: In 2010, Scarano Boatbuilding Inc. was tasked with providing a new schooner to the fleet of excursion vessels operated by Classic Harbor Line LLC. The new vessel was to be an evolution of the company's three previous "ADIRONDACK" type schooners but with more passenger capacity, tankage capacity, improved sailing performance, lower maintenance demands, more efficient and quieter diesel/electric propulsion and a style to reflect the famous original George Steers designed AMERICA of 1852.

This presentation describes how some of the modern materials and techniques available today were utilized in an attempt to optimize the design of such a timeless vessel style that is required to operate commercially under current conditions. Also discussed are the regulatory requirements for such a vessel, and how satisfaction of scantling standards was met.

This presentation is expected to be accredited for 1 PDH. Please contact SNAME's Professional Engineer Continuing Education Program Evaluator, Professor Alan Rowen (alanrowen@gmail.com), for more details.



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NEW YORK AREA JOINT SOCIETIES' MEETING SCHEDULE, 2016-2017

Date	Day	Event	Host	Location	Presentation
29 Sep 2016	Thursday	SNAME Meeting Past Chairmen's Night	SNAME	SUNY Audit 116 E. 55 th St	CFD Paper/Timothy Yen PhD, CD-Adapco
26 Oct 2016	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	SUNY Audit 116 E. 55 th St	Innovation Adopters' Selection Priorities – The Case of Alternative Fuels/Amit Mokashi
2-5 Nov 2016	Tuesday- Saturday	SNAME Maritime Convention Bellevue Washington	SNAME	Bellevue WA	Papers at Meeting
15 Nov 2016	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	SUNY Audit 116 E. 55 th St	Challenges and Achievements of CFD (Computational Fluid Dynamics) for Hydrodynamic Applications/ Alain Demeulenaere
15 Dec 2016	Thursday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Peninsula Newark	Forces in Mooring Lines of Large Tankers/Rune Iversen
18 Jan 17	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Peninsula Newark	Composite Materials/ John Kozel
(TBD) Feb 17		SMPE Family Day	SMPE	Landmark	TBD
14-16 Feb 2017	Tuesday- Thursday	TSS 2017 (ASNE Day)	ASNE	Washington, DC	Papers at Meeting
27 Feb 2017	Monday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	SUNY Audit 116 E. 55 th St	Ferries in the Developing World: Where the opportunities are/ Roberta Weisbrod
16 Mar 2017	Thursday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting SNAME Elections	IMarEST	SUNY Audit 116 E. 55 th St	Design Features and Construction of Passenger Schooner AMERICA 2 / John Scarano
12 Apr 2017	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (Student Paper Night)	SNAME	SUNY Audit 116 E. 55 th St	Student Papers
17 May 2017	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	ASNE	SUNY Audit 116 E. 55 th St	TBD
7 Jun 2017	Wednesday	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	SUNY Audit 116 E. 55 th St	TBD