



# ***The Institute of Marine Engineering, Science & Technology***



## **Eastern USA Branch**

Chairman & Honorary Secretary  
Bradley D.M. Golden  
15-55 Bell Blvd., 2nd Floor, Bayside, NY 11360  
goldenmarineandoffshore@gmail.com

Honorary Treasurer  
Chris Law  
Aon Commercial Risk – Marine Practice  
chris.law@aon.com

November 13, 2021

### **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, November 18, 2021

**Location:** This month's meeting will be an online-only webcast. To register, please visit <https://us06web.zoom.us/meeting/register/tZclf-Gprz4tGNTuIFwelhHR6MKd-bhcsohP>. Once registered, you'll receive a confirmation with a link to join the event.

**Topic:** Catharsis; The Creation of Aberration

**Presenter:** Rik van Hemmen, P.E.  
Martin & Ottaway, Inc.

**Time:** 7:00 PM

**Cost:** Free of charge

Additional details about this presentation and future meetings can be found on the following pages. Please also see the Eastern USA Branch's website for details on viewing a live webcast of this meeting and recordings of past meetings.

Please register for this meeting using the link above. The meeting is limited to the first 300 persons, so please register early. If you have any questions, please contact Bradley Golden, Chairman & Honorary Secretary ([goldenmarineandoffshore@gmail.com](mailto:goldenmarineandoffshore@gmail.com)).

Best regards,

Bradley D.M. Golden, Chairman & Honorary Secretary

Vice Chair – Technical  
Paul Hormann  
pmhormann@gmail.com

Honorary Chairman Emeritus  
Prof. Alan L. Rowen

Honorary Secretary Emeritus  
Robert J. Bazzini



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### **TECHNICAL PRESENTATION INFORMATION**

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**Topic:** Catharsis; The Creation of Aberration

**Presenter:** Rik van Hemmen, P.E.  
Martin & Ottaway, Inc.

Rik van Hemmen is the President and Senior Partner of Martin & Ottaway, Inc., a marine consulting firm that deals with technical, operational, and financial issues in the maritime field. He is an aerospace and ocean engineer with most of his experience in naval architecture. He is a life long boater and boat builder, and at times has made an insufficiently compensated living as a yacht designer. His personal and professional interest is presently very much focused on energy sustainability and climate change containment.

**Abstract:** Rik van Hemmen's wife, Anne, became wheelchair bound at the end of 2019. In 2020 it became apparent that the family boat, a late 1980's 50-foot trawler, could not be made functional for a person in a wheelchair and in June 2020 Rik decided to design and build a 35-foot, ADA, power catamaran and for good measure make it a solar hybrid electric drive catamaran too.

The vessel was detail designed and built by Scarano boats in Albany over the winter of 2020/2021 and commissioned in May 2021.

After a season's operating experience, there have been many discoveries and lessons that relate to the cutting edge in marine propulsion, and which apply equally to recreational and commercial vessels.

The presentation will cover the conception, design, build and operational experience of the vessel.

This presentation is anticipated to be accredited for 1 PDH. To obtain PDH credit, participants must attend the meeting and submit a completed Learning Assessment and Application Form to the designated representative upon conclusion of the meeting.



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## Eastern USA Branch

### NEW YORK AREA JOINT SOCIETIES' MEETING SCHEDULE, 2021-2022

Date	Day	Event	Host	Location	Presentation
22 Sep 2021	Wed	SNAME Meeting Past Chairman's Night	SNAME	Online	The Digital Twin and its Application to Ship System Design and Shipboard Integration / James A. Turso
20 Oct 2021	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	Online	Clippers, Yachts, and the False Promise of the Wave Line in 19th- Century Hydrodynamics / Larrie Ferreiro
26-29 Oct 2021	Tue- Fri	SNAME Maritime Convention	SNAME	Providence, RI	Papers at Meeting
18 Nov 2021	Thur	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	IMarEST	Online	Catharsis; The Creation of Aberration / Rik van Hemmen
15 Dec 2021	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Hybrid (TBC)	TBA
20 Jan 2022	Thur	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Hybrid (TBC)	TBA
31 Jan-1 Feb 2022	Mon- Tue	TSS/ASNE Day 2022	ASNE	Arlington, VA	Papers at Meeting
17 Feb 2022	Thur	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	Hybrid (TBC)	TBA
23 Mar 2022	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	IMarEST	Hybrid (TBC)	TBA
13 Apr 2022	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (Student Papers Night)	SNAME	Hybrid (TBC)	Student Papers
18 May 2022	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	ASNE	Hybrid (TBC)	TBA
15 Jun 2022	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	Hybrid (TBC)	TBA