



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



## **Eastern USA Branch**

Chairman & Honorary Secretary  
Bradley D.M. Golden  
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December 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 SMPE.

**Date:** Wednesday, December 15, 2021

**Location:** This month's meeting will be an online-only webcast. To register, please visit [https://us06web.zoom.us/meeting/register/tZAof-mhrT0sGNQzzX9lbpBe8LK\\_VfLRCRp2](https://us06web.zoom.us/meeting/register/tZAof-mhrT0sGNQzzX9lbpBe8LK_VfLRCRp2). Once registered, you'll receive a confirmation with a link to join the event.

**Topic:** Developing an Integrated Agnostic Performance Management System

**Presenter:** Dave Belisle, Algoma Central Corporation

**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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## **Eastern USA Branch**

### **TECHNICAL PRESENTATION INFORMATION**

**Date:** Wednesday, December 15, 2021

**Location:** This month's meeting will be an online-only webcast. To register, please visit <https://us06web.zoom.us/join/91012020000>. Once registered, you'll receive a confirmation with a link to join the event.

**Topic:** Developing an Integrated Agnostic Performance Management System

**Presenter:** **Dave Belisle, Algoma Central Corporation**

Dave Belisle has more than 20 years of experience in the marine industry, holds an MEng in Naval Architecture (UofM), an MBA, and a Diploma in Ship Superintendency. Dave started with Algoma in 2009 on the Equinox Design Team. Once the Equinox concept design was established, he transitioned into operations and was an Operations Manager for five years. Since 2015, he has been focusing on vessel performance and reliability at Algoma. Prior to joining Algoma, Dave was a management and technical consultant with DNV Maritime Solutions and qualified as a newbuilding surveyor while in Asia.

**Abstract:** Algoma has significant experience with the development of its performance monitoring system. This presentation will discuss why Algoma monitors performance, the company's initial goal, and some of the technical challenges associated with short sea shipping performance monitoring. Ultimately, these challenges, both hardware and software, were addressed, and the data has become much more accessible. Next, the company is moving the system from monitoring to management with real time alerting and responses. This presentation will also describe some of the 'wins' Algoma has had so far, and some that are currently being explored that might be of interest to others.

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	Online	Developing an Integrated Agnostic Performance Management System / Dave Belisle
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