



The Institute of Marine Engineering, Science & Technology



Eastern USA Branch

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December 2, 2019

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 11, 2019

Location: Iberia Peninsula Restaurant
63-69 Ferry Street
Newark, NJ 07105

Topic: Ropes and Wires for the Marine Industry

Presenter: Mark Pieter Frolich, Lankhorst Ropes USA

<u>Time:</u>	Social Hour	– 5:00 PM	<u>Cost:</u>	Members	– \$40.00
	Dinner	– 6:00 PM		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 also see the Eastern USA Branch's website for details on viewing a live webcast of this meeting and recordings of past meetings.

Please E-mail your plans to attend to Bradley Golden, Chairman & Honorary Secretary (goldenmarineandoffshore@gmail.com) by Monday, December 9, 2019. 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@gmail.com

Honorary Secretary Emeritus
Robert J. Bazzini



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TECHNICAL PRESENTATION INFORMATION

- Date:** Wednesday, December 11, 2019
- Location:** Iberia Peninsula Restaurant
63-69 Ferry Street
Newark, NJ 07105
- Topic:** Ropes and Wires for the Marine Industry
- Presenter:** Mark Pieter Frolich, Lankhorst Ropes USA

Mark holds a bachelor's degree in mechanical engineering from a polytechnics university in the North of the Netherlands. He started with Lankhorst Ropes in 2007, being responsible for maritime and offshore accounts in Europe and the Middle East.

In 2011 he volunteered to set up the regional office for Lankhorst Ropes in Dubai. Two years later the Lankhorst Group was acquired by WireCo WorldGroup, the world's largest steelwire manufacturer, based out of Kansas City. Mark became responsible for all group activities in the MENA region. The customer base there included towing and shipping companies, container terminals, on and offshore drilling companies, as well as steel mills.

A little over a year ago Mark left the Middle East for the United States where WireCo had established a reputation as technical leader in the field of synthetic and steelwire ropes. Personally and professionally, a wealth of experience was gathered working with these very different industries and cultures. Since November of last year, Mark has been responsible for the Maritime and synthetic heavy lifting markets in the U.S.A. He is operating from their rope factory in Montgomeryville, near Philadelphia.

- Abstract:** WireCo WorldGroup is the world's leader in manufacturing, engineering, and distributing wire rope, synthetic rope, specialized assemblies, wire products, and electromechanical cable. The presentation will combine both steel wire technology as well as synthetic rope technology. We will go in detail on design of product for various applications as well as maintenance aspects and where synthetics can replace wire ropes and where they cannot. Some high-profile projects are the synthetic One World Trade center antenna support pennants, deepwater mooring ropes for various FPSOs in the Gulf of Mexico such as Appomattox, and a multi-decade track record of mooring rope deliveries to the U.S. Navy. As a company, WireCo has been in business over 216 years, since 1803. Today it is the largest manufacturer of synthetic and steel wire ropes in the world with plants in Europe and the USA.

This presentation is expected to be accredited for 1 PDH. Please contact SNAME's Professional Engineer Continuing Education Program Evaluator, David Chapman (davechapman50@gmail.com), for more details.



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NEW YORK AREA JOINT SOCIETIES' MEETING SCHEDULE, 2019-2020

Date	Day	Event	Host	Location	Presentation
18 Sep 2019	Wed	SNAME Meeting Past Chairman's Night	SNAME	India House 1 Hanover Sq.	International Regulations / Rod Acquie
16 Oct 2019	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	India House 1 Hanover Sq.	The Effects of Hull and Propeller Roughness on Ship Speed, Power, Required Freight Rate and Maneuverability / John Daidola
30 Oct-2 Nov 2019	Wed- Sat	SNAME Maritime Convention	SNAME	Tacoma, WA	Papers at Meeting
13 Nov 2019	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	IMarEST	India House 1 Hanover Sq.	Eliminating the Sterntube in New Deep Sea Ship Construction / Ken Ogle
11 Dec 2019	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Iberia Peninsula Newark, NJ	Ropes and Wires for the Marine Industry / Mark Pieter Frolich
15 Jan 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SMPE	Iberia Peninsula Newark, NJ	TBA
19 Feb 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (SMPE Elections)	SNAME	India House 1 Hanover Sq.	TBA
18 Mar 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	IMarEST	India House 1 Hanover Sq.	TBA
22 Apr 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (SNAME Elections)	SNAME	Riccardo's by the Bridge Astoria, NY	Student Papers
20 May 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting (Student Paper Night)	ASNE	India House 1 Hanover Sq.	Student Papers
13 Jun 2020	Wed	SNAME/IMarEST/SMPE/ ASNE Joint Meeting	SNAME	India House 1 Hanover Sq.	TBA
16-18 Jun 2020	Tue- Thur	TSS/ASNE Day 2020	ASNE	Washington DC	Papers at Meeting