

FRAUNHOFER TRANSPORT ALLIANCE

FRAUNHOFER WATERBORNE FORUM

Wednesday, September 5
SMM 2018, Hamburg



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SHIPPING UNDER EXTREME CONDITIONS: SAFE OPERATION IN THE ARCTIC PASSAGES

At this year's SMM in Hamburg, Fraunhofer Institutes and industrial partners will share their latest findings regarding »Shipping Under Extreme Conditions«.

The Fraunhofer Waterborne Forum will address the safety and security of people, environment and machinery while operating in the Arctic passages.

Presentations on Arctic operations will be supplemented by a discussion and a demonstration of the exhibits at the Fraunhofer SMM stand.

AGENDA

2:15 pm

Arrival
Conference Room B7.1

2:30 pm

Welcome

Prof. Dr. Uwe Clausen

Chairman, Fraunhofer Transport Alliance

Director, Fraunhofer Institute for Material Flow and Logistics IML

Prof. Dr. Carlos Jahn

Director, Fraunhofer Center for Maritime Logistics and Services CML

2:45 pm

Introduction

»The potential of the North West and North East Passages«

Dr. Jonathan Köhler

Head of Working Group Waterborne, Fraunhofer Transport Alliance

Fraunhofer Institute for Systems and Innovation Research ISI

3:15 pm

Impulse I

»Sea Traffic Management – Routes on the rocks, shore support in navigating icy and sensitive waters«

Fredrik Karlsson

Innovation Coordinator, The Swedish Maritime Administration

Ulf Siwe

STM Communication Officer, The Swedish Maritime Administration

3:45 pm

Short Break

4:00 pm

Impulse II

»Ice class and coupling selection«

Dr. Ralf Bauermeister

Head of Polymer Technology, VULKAN Group Service

4:30 pm

Impulse III

»Harmonic Radar Assisted SAR under Extreme Sea Conditions«

Prof. Dr. Holger Heuermann

University of Applied Sciences Aachen

5:00 pm

Panel discussion

5:30 pm

Debriefing at Fraunhofer Stand followed by reception (Hall B6, Booth 319)

7:00 pm

End of Event

Venue:

SMM 2018

Conference Room: B7.1

FhG Stand: Hall B6, Booth 319

Messe Hamburg

Messeplatz 1

20357 Hamburg / Germany

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Attendance fee: €190

For more information and registration please visit our webpage:

https://www.verkehr.fraunhofer.de/en/events/fraunhofer-waterborne-forum_2018.html