



2nd LEC Sustainable Shipping Technologies Forum

— *Bringing you tomorrow's green innovation, today!*

April 27-28
online



Program

Tuesday 27 April 2021	
13:00	<p>Welcome / Opening & Keynotes Moderation: Nina Simon (LEC GmbH)</p> <p>Decarbonization of Ports – Green shipping as a first starting point Jens Meier (CEO, Hamburg Port Authority)</p> <p>Flexible decision-making towards a multi-fuel future Torgeir Sterri (Senior Vice President, Regional Manager West Europe, DNV Maritime)</p> <p>The future role of the internal combustion engine for sustainable ship propulsion Andreas Wimmer (CEO, LEC GmbH)</p>
14:00	<p>Session I: Green ports & infrastructure Moderation: Karsten Schönewald (COO, Flotte Hamburg)</p> <p>Vision zero emission port – Curse and blessing for the Port of Hamburg Jan Ninnemann (Professor, HSBA Hamburg School of Business Administration)</p> <p>Emission reduction in shipping. An overview what can be achieved with different ship types and sizes Dirk Lehmann (CEO, Becker Marine Systems)</p> <p>Sustainable ports in a competitive environment Niels Wiecker (Director of Port & Logistics Department, Ministry of Economics and Innovation)</p>
15:15	Coffee Break
15:30	<p>Session II: Ship efficiency technologies Moderation: Johannes Oeffner (Fraunhofer CML)</p> <p>Re-wind not rewind: Wind propulsion & decarbonisation Gavin Allwright (Secretary General of International Windship Association)</p> <p>Improving ship performance with air lubrication - Achievements and challenges Alan Bliault (Naval Architect, RINA)</p> <p>Latest developments of the H2020 AIRCOAT project on a passive air lubrication technology Nils Hagemeister (Research Associate, Fraunhofer CML)</p> <p>Decarbonising shipping by enabling key technology symbiosis on real vessel concept designs: A preview of the consortium CHEK / Horizon 2020 Alessandro Schönborn (Assistant Professor, WMU)</p>
17:00	Day 1 Round-up and Closing



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09:00	<p>Session III: Advanced propulsion & fuels Moderation: Nicole Wermuth (LEC GmbH)</p> <p>Sustainable, scalable, storable: Methanol as shipping fuel – introducing FASTWATER Sebastian Verhelst (Professor, Ghent University)</p> <p>Creating the world's first green ammonia vessel Tore Boge (Project Manager, NCE Maritime Clean Tech Norway)</p> <p>The HyMethShip zero emission energy concept Martin Ericson Borgh (Senior analyst/Systems engineer, SSPA Sweden)</p> <p>Electrochemical processes and energy systems towards step-wise emission reduction of the marine transport Asif Ansar (Head of HT-Systems and Processes, DLR - German Aerospace Center)</p>
10:30	Coffee Break
10:45	<p>Session IV: Ship emission monitoring and compliance Moderation: Volker Matthias (Helmholtz-Zentrum Hereon)</p> <p>How to make emission regulations for NO_x and SO_x work Erik Fridell (Assistant Director, IVL Swedish Environmental Research Institute)</p> <p>Technical possibilities to monitor vessel emissions explored in the SCIPPER project and their impact Leonidas Ntziachristos (Professor, Aristotle University Thessaloniki Greece)</p> <p>The German ship emission monitoring network in an international context Andreas Weigelt (Scientist, BSH)</p> <p>Monitoring CO₂ emissions from shipping Constance Ugé (Research Associate, Fraunhofer CML)</p>
12:15	Coffee Break
12:30	<p>Moderated panel discussion Moderation: Karl Wojik</p> <p>Ralf Sören Marquardt (Director, VSM) Peter Müller-Baum (Managing Director, VDMA) Merten Stein (Head of Shipping Advisory West Europe, DNV Maritime) KangKi Lee (Senior Vice President of High Power Systems, AVL List GmbH)</p>
13:15	Forum Round-up and Closing
13:30	End of the Event