

# 26<sup>th</sup> REGWA Symposium ELMAR: maritime e-mobility



## Hydrogen fuel cell technology & e-mobility solutions for shipping

DATE

**2019 November 6**



LOCATION

**Stralsund University of Applied Science  
Zur Schwedenschanze 15  
18435 Stralsund Germany  
Building 5/ Auditorium 2**





## PROGRAM 2019 November 6

Building 5/ Auditorium 2

Time	Lecturer and Topic
09:00	<b>Registration</b>
09:30 – 09:45	<b>Welcome by</b> Welcome by Jens Ladisch, vice rector for R&D and Johannes Gulden, Director of the Institute for Renewable EnergySystems
09:45 – 10:00	<b>ELMAR: South Baltic project on electric water mobility</b> <i>Mario Heinrich, Economic Development Corporation Vorpommern</i>
10:00 – 10:30	<b>Future quantity structures and distribution paths of hydrogen for emission-free mobility</b> <i>Thomas Luschnetz, Hochschule Stralsund / IRES, WTI e.V.</i>
10:30 – 11:00	<b>Coffee Break</b>
11:00 – 11:30	<b>Hydrogen for Maritime Applications to reduce Emissions in Shipping</b> <i>Andreas Naujeck, Kongstein GmbH</i>
11:30 – 12:00	<b>ELEKTRA, Development and Realization of the first emission free inlandwater push boat at the world for commercial use</b> <i>Gerd Holbach, Technical University Berlin</i>
12:00 – 12:30	<b>Experiences from FLAGSHIP &amp; MARANDA</b> <i>Antti Pohjoranta, VTT Technical Research Centre of Finland Ltd.</i>
12:30 – 13:30	<b>Lunch</b>
13:30 – 14:00	<b>Fuel cells for shipping perspectives</b> <i>Kristina Fløche Juelsgaard, Ballard Power Systems Europe A/S</i>
14:00 – 14:30	<b>HySeas III: The World's First Sea-Going Hydrogen-Powered Ferry – A Look at its Environmental Impacts and Market Perspective</b> <i>Juan Camilo Gómez Trillos, DLR- Institute for Networked Energy Systems e.V., Oldenburg</i>
14:30 – 15:00	<b>Standardisation &amp; Certification of hydrogen FC technologies</b> <i>Benjamin Scholz, DNV GL-Maritime, Germany</i>
15:00 – 15:15	<b>Coffee Break</b>
15:15 – 15:45	<b>Hydrogen fuel cell technology from Sweden</b> <i>Johan Burgren, PowerCell Sweden AB</i>
15:45 – 16:15	<b>Biogas production on board of ships</b> <i>Wojciech Zenczak, West Pomeranian University of Technology Szczecin</i>
16:15 – 16:45	<b>Summary</b>
17:00	<b>Informal get-together at Laboratory for Alternative Energy (House No. 7 near wind turbine)</b>