KIEL-GDANSK MARKET PLACE
Smart Shipping
31. May 2022 in Kiel, Germany
Location: Seeburg, Düsternbrooker Weg 2, Kiel University

The Kiel-Gdansk Market Place will bring together scientists and business partners from the maritime sector. Both cities are active in promoting future concepts for sustainable shipping: smart shipping in a smart harbour, including autonomous shipping, modern energy systems and harbour logistics. Both cities have excellent scientific research and innovative maritime industry. This event will promote exchange on scientific evidence, support networking and provide contacts for future cooperation and commercialization of inventions. Kiel as host city will present e.g. the “Clean Autonomous Public Transport Network (CAPTN)”, establishing an integrated inner-city mobility chain of autonomous clean modes of transport on water and on land. In addition, the Port of Kiel offers groundbreaking activities like the on-shore power terminal.

Agenda

10:00 Welcome
Dr. Christian Wagner-Ahlf, Kiel University / KMS

Presentations Kiel
CAPTN - Clean Autonomous Public Transport Network
Prof. Dr. Dirk Nowotka, Kiel University,
Dept. of Computer Science

A lab in the waves – a step towards autonomous shipping
Prof. Dr. rer. nat. Hauke Schramm, Institute of Applied Computer Science, University of Applied Sciences

CAPTN – 5G use cases for the smart fjord (logistics, transport & sport)
Björn Schwarze, CEO Addix

Presentations Gdansk
Smart Port - Smart Shipping
Dr. Małgorzata Bielenia, University of Gdansk, Institute of Maritime Transport and Seaborne Trade

Baltic Sea & Space Cluster: Smart Shipping in the sea port
Prof. em UMG Dr. hab. Marek Grzybowksi, Baltic Sea & Space Cluster, President of the Board

Discussion
Wrap-up with Axel Koch, Kiel University, Research and Innovation, Head of the Transfer Department

12:30-13:15 Lunch

13:30-18:00 Visits (included coffee break):
On-shore power terminal – Port of Kiel
Ferry transit to East Shore
Camera and lidar data collection on the MS Schwanette
Prof. Dr. rer. nat. Hauke Schramm, Institute of Applied Computer Science, University of Applied Sciences

University of Applied Science:
Presentation of Model Tests for the CAPTN Wavelab Demonstrator on Autonomous Clean Shipping
Prof. Dr.-Ing. Hendrik Dankowski, Ship Design and Maritime Environmental Protection, Institute of Naval Architecture and Maritime Technology
Ferry transit to West Shore

18:00 Reception and Networking
Seeburg Kiel University

A cooperation of: Kiel University, Maritime Cluster Northern Germany, the nucleus / Wissenschaftszentrum, University of Gdansk, Baltic Sea & Space Cluster (Poland).