

## Welcome to The Smart Shipping and Navigation Conference 2024!

Dear Participants,

We are delighted to welcome you to **The Smart Shipping and Navigation Conference 2024**, hosted by the University of South-Eastern Norway (USN) - Vestfold Campus. This conference is sponsored by the Research Council of Norway and USN. This gathering of esteemed professionals, industry experts, and academics is a testament to our collective commitment to advancing smart shipping and navigation.

As we look forward to an engaging and insightful event, please find below the schedule for our two days of discussions, keynotes, and networking opportunities:

### April 10, 2024

---

11:00-12:00

- Registration main entrance – main campus building.

12:00-13:00

- Welcome and lunch at USN Vestfold Campus (buffet at Café Alimento in main campus building)

13:00-13:45 (Auditorium A1-39)

- **1<sup>st</sup> Keynote by Jan Emblemsvåg, NUPROSHIP- Nuclear Propulsion of Merchant Ships 1**

14:00-16:00

- **Session 01: Autonomous Shipping, Session Chair: Professor Halvor Schøyen, USN**
  - 1.1. Jan van Tiggelen, DNV, MASS regulatory compliance process
  - 1.2. Tae-Eun Kim, UIT, Reframing education and competence model for remote maritime operations (REFRAME)
  - 1.3. Hari Sundar Mahadevan, Fraunhofer Germany, Real-Time Monitoring of Maritime Situational Awareness: Integration of Ship Sensor Data and Camera Imagery for Shore-Based Monitoring with Database Creation
  - 1.4. Jedi Seppanen, NOVIA, Optimizing Remote Pilotage in the Digital Era: A Socio-Technical and CSE Approach
  - 1.5. Ziaul Haque Munim, USN, Technological Road mapping and feasibility of MASS

Coffee break 15 min. 14:45

16:00

Bus from main entrance 16:00 to Marinemuseet. Bus back to Åsgårdstrand Hotel 17:45.

- Visit to Marinemuseet (only signed up participants; contact us if you are interested but have not signed up)

19:00-19:30

- Apéritif at Grand Hotel Åsgårdstrand, bar area third floor (Paid Registration Guests, and by Invitation Only)

19:30-22:00

- Conference Dinner at Grand Hotel Åsgårdstrand (Paid Registration Guests, and by Invitation Only)

## April 11, 2024

---

08:30-09:00 Coffee, cake, and fruit.

09:00-09:45 (Auditorium A1-39)

- **2<sup>nd</sup> Keynote by Svein Olav Halstensen, Energy Efficient Operation of Hydrogen Powered vessels**

10:00-12:00

- **Session 02: Energy Efficiency & Digitalization, Session Chair: Professor Kenn Steger-Jensen, AAU**

2.1. Michele Acciaro, CBS, Fueling the Future: Digitalisation and the Energy Transition in Maritime Transport

2.2. Gabriel Moises Fuentes, NHH, A call from the ocean: predicting Panama Canal waiting times from El Niño signal

2.3. Veronica J. Jimenez, USN, Barriers of data analytics for shipping energy efficiency

2.4. Mahmood Taghavi, UIT, Data cluster analyses in digital twin development for marine engines

2.5. Kenn Steger-Jensen, AAU, Balancing Emissions and Economics: Navigating Pre- and Post-Calculation Discrepancies in Freight Transport Contracts

12:00-13:00

- Lunch at USN Vestfold Campus (at Café Alimento in main campus building)

13:00-13:45

- **3<sup>rd</sup> Keynote by Thomas Brekke, Transforming Shipping Through Ecosystem Business Model Innovation**

14:00-16:00

- **Session 03:** Commercial Aspects in shipping, Session Chair: Professor Michele Acciaro, CBS
- 3.1. Dhaneswara Al Amien, NORD, Modeling the Autonomous Shipping Diffusion for Inland Waterways Transport: An Agent-Based Modelling
  - 3.2. Hasan Shakil, NTNU, Sustainability and financial performance of transport and logistics firms: Does board gender diversity matter?
  - 3.3. Doina Huso, UIA, Meet me in the middle: How do interdisciplinary teams of BlueTech firms self-regulate for sustainability?
  - 3.4. Rocky Mahmud, USN, Business model innovation in autonomous solutions
  - 3.5. Fabian Kjeldsberg, USN, predicting platform supply vessel freight market using Automated Machine Learning.

Coffee break 15 min. 14:45.

Please make sure to pick your name-badge from the registration desk upon arrival. Registration desk will be open from 11:00 AM on April 10 in front of the main entrance, service desk, main building.

We are looking forward to your participation and to the wealth of knowledge and experiences you will bring to our conference. Safe travels and see you soon!

Best regards,

Anne Kari, Halvor, Monica, and Munim