

Dr. Ulla Tapaninen is Tenured Full Professor at Tallinn University of Technology, Estonia, and Adjunct Professor at the University of Turku, Finland. Since March 2025 she serves as a board member of the Port of Helsinki. Dr. Tapaninen has over 30 years of experience in logistics and maritime transport in academia, public and private sectors. She has worked in key positions in two Finnish shipping companies and as a senior expert at in city administration. In addition to journal articles, she has also published textbooks, reports and is a keen writer of a maritime blog ullatapaninen.net.











# **TALLINN UNIVERSITY OF TECHNOLOGY 2023**



## TALTECH STRUCTURE 2024

### **UNIVERSITY BOARD**

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FinEst Centre for Smart Cities

Research Administration Office

Library

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Office of Partnership and Alumni Affairs

Office of Academic Affairs

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VICE-RECTOR FOR ACADEMIC AFFAIRS

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#### SENATE

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ESTONIAN MARITIME ACADEMY

## SCHOOL OF ENGINEERING

Department of Civil Engineering and Architecture SCHOOL OF INFORMATION

Department of Electrical Power Engineering and Mechatronics

Department of Energy Technology

Department of Materials and Environmental Technology

Department of Mechanical and Industrial Engineering

Kuressaare College

– Tartu College

Virumaa College

## SCHOOL OF SCIENCE

Department of Geology

Department of Chemistry and Biotechnology

Department of Cybernetics

Department of Marine Systems

#### SCHOOL OF BUSINESS AND GOVERNANCE

 Department of Economics and Finance

 Ragnar Nurkse Department of Innovation and Governance

Department of Law

MAN

Department of Business Administration



## **RESEARCH AREAS AND STUDY PROGRAMS**

## Research areas:

Maritime Transport

Maritime Cybersecurity

Blue Economy and Aquatic Resources

Green Maritime Technology

Waterway Safety Management

Maritime Safety, Security and Navigation

 Higher education institution in Estonia offering maritime higher education, training and carrying out research

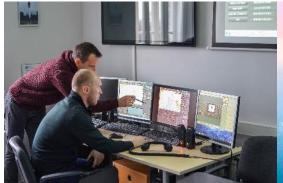
- Unique study programs
- Graduates valued and demanded in the global market
- Specialties for working both at sea and on land
- Maritime field has high development potential
- Close collaboration with maritime sector

Main Speciality "Maritime" in Engineering PhD

Maritime Master Studies, Maritime Digitalization

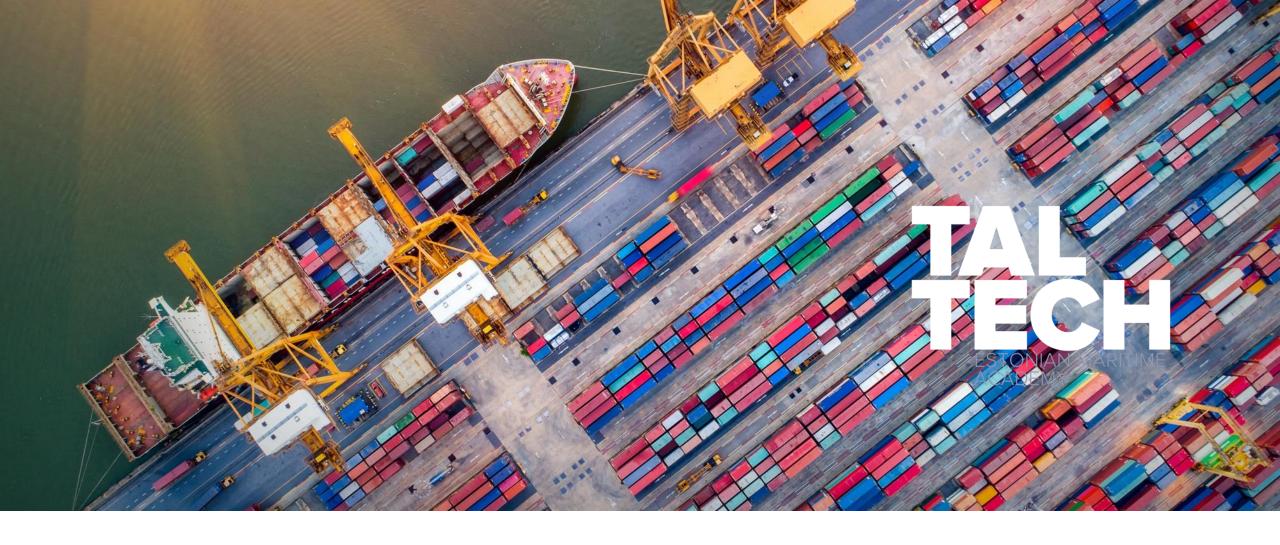
Navigation
Ship Engneering
Port and Shipping Management
Waterway Safety Management











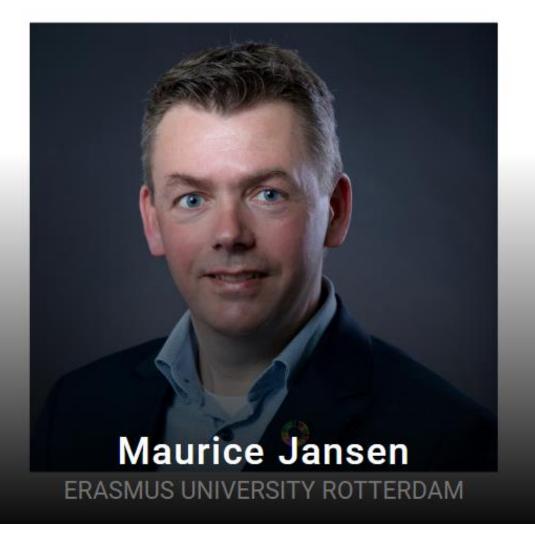
<u>Ulla.Tapaninen@taltech.ee</u>

Twitter: @Utapaninen

Blog: https://ullatapaninen.net/category/in-english/







Dr. Maurice Jansen is an engaged scholar, education innovator and business ecosystems developer and is driven by exploring and sharing port and transport knowledge. As a scholar, Maurice engage with business professionals in action research, design and delivery of education solutions. As a business developer, he has a keen interest in blue innovation ecosystems, decarbonization pathways in shipping and serious game development. Maurice has a PhD in Business-Society Management. His PhD dissertation focused on 'Ports as a force of positive change? An ecosystems approach to inclusive port development', from Erasmus University Rotterdam.











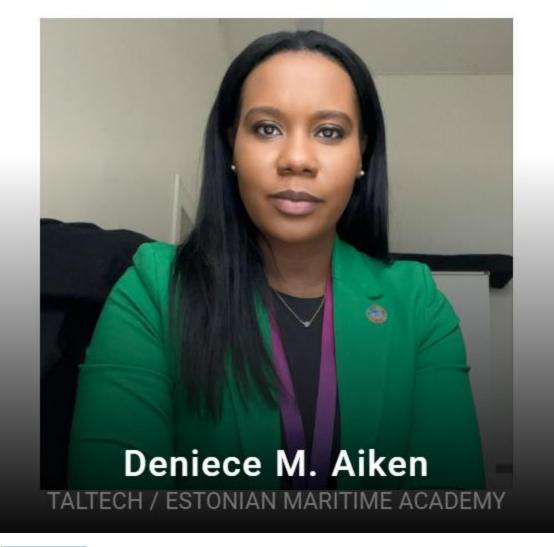




Dr. Ellen J. Eftestøl is Professor of Law at Bl Dr. Ellen J. Eftestøl is Professor of Law at Bl Norwegian Business School and Adjunct Professor at the University of Gothenburg. She specializes in trade, transport, and shipping law, with a focus on sustainable and efficient transport systems. At Bl's she leads the AMOR Transport research pillar, exploring legal frameworks for greener logistics and digital transformation. Dr. Eftestøl holds a doctorate from the University of Oslo and has previously served as professor at the University of Helsinki and the University of Oslo. Her research addresses EU and international regulation, including emissions international regulation, including emissions trading, multimodal liability, and Nordic maritime law. She is co-founder of the Helsinki-based INTERTRAN research group, subject editor for Karnov's Digital Law Commentary, and contributing editor to European Transport Law.







Deniece M. Aiken is a postdoctoral researcher at the TalTech Estonian Maritime Academy, where her work explores the intersections of maritime law, sustainability, and governance within the global shipping industry. She formerly held leadership roles at the Caribbean Maritime University in Jamaica, serving as Vice President of Legal and International Affairs and Executive Director of the Maritime Training Centre. Deniece is the founding president of both the WMU Women's Association and WISTA Jamaica. Since 2013, she has lectured in various areas including maritime law, commercial and business law, intellectual property law, carriage of goods by sea, public policy and administration, governance in maritime education and training, and environmentally sustainable shipping. Deniece contributes as a maritime law and policy columnist for Portside Caribbean and serves as an International Ambassador for the University an International Ambassador for the University of London.

Funded by the European Union





Dr. Seçil Oğuz is a postdoctoral researcher specializing in maritime supply chain and logistics with a focus of marketing. She currently works in Estonian Maritime Academy as a member of Maritime Transport Research group. In addition to her research, Dr. Oğuz co-lectures the Maritime Economics in master level education and contributes to Central **Baltic Interreg Sustainable Flow** project.















Dr. Olli-Pekka Hilmola serves as an Adjunct Professor in Tallinn University of Technology, Estonia and as a Visiting Professor at the University of Gävle, Sweden. He worked as a Professor for nearly two decades in Finland. Dr.Hilmola is affiliated with a number of int. journals through editorial boards. The total number of published scientific journal manuscripts is above 200, and the total count of all scientific publications is approximately 350. He has also authored several books. Research interests lie in transportation logistics, supply chains, industrial management, and quantitative methods.

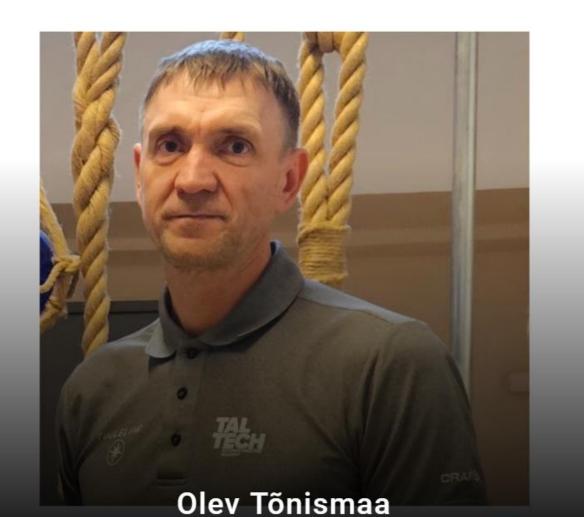












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Olev Tõnismaa is head of Estonian Maritime Academy Remote Shipping Operations Simulator, lecturer at the Academy and marine pilot at the Estonian State Fleet.













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TAL TECH

#### **Complementary Expertise**

- · Fuel saving potential of shipping
- · Energy efficiency of ports
- · Coastal traffic

### **Complementary Critical Facilities**

- Close connection to shipping companies
- · Close connection to ports
- · Qualitative and quantitative research methods

BALTIC-

FIT

VTT



#### **Complementary Expertise**

- Multimodality at port
- Maritime informatics, Maritime logistics
- Maritime decarbonization
- Logistic chain

## **Complementary Critical Facilities**

- · Collaboration on digitalization
- Close links to international maritime community

### **Complementary Expertise**

- Naval Architecture, ship hydrodynamics, energy systems, structures
- Autonomous ships and systems
- · Ice loads on vessels

## Complementary Critical Facilities

- Ship full scale measurement expertise and equipment
- · Vessel navigation and energy simulation

Maritime Informatics systems expertise

Technical capabilies in energy efficiency, emission reductions, and naval architecture





# TALTECH ESTONIAN MARITIME ACADEMY

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https://taltech.ee/estonian-maritime-academy