

Section

# WATERBORNE TRANSPORT

27<sup>th</sup> International Scientific Conference

**TRANSPORT  
MEANS  
2023**



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## Session 7

Klaipėda University, Klaipėda, Bijūnų Str. 17

6 October 2023, 9.00 – 13.30

Chairman – Prof. **V. Paulauskas**

Co-Chairman – Dr. **B. Plačienė**

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9.00 – 13.30

Session

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11.00 – 11.20

Coffee Break

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### ***New Challenges for Marine Insurance in Case of Autonomous and Remote-Controlled Ships***

**A. Alop**, Estonian Maritime Academy of Tallinn University of Technology (Estonia)

### ***Research of Hydrodynamics in Gas Injection Valves of Marine Engines***

**V. Aftaniuk**, **O. Kiris**, **D. Danylenko**, **Iu. Ocheretianyi**, **V. Ternovsky**, National University “Odessa Maritime Academy” (Ukraine)

### ***Characteristics of the Afterburner for the SOFC-GT Marine Hybrid Power System***

**S. Serbin**, **O. Cherednichenko**, **B. Lychko**, **V. Patlaichuk**, **I. Ratushniak**, Admiral Makarov National University of Shipbuilding (Ukraine) [online]

### ***Utilizing Thermochemical Waste Heat Recovery Modules in Marine Hybrid Power Systems***

**O. Cherednichenko**, **S. Serbin**, **V. Patlaichuk**, **B. Lychko**, **I. Ratushniak**, Admiral Makarov National University of Shipbuilding (Ukraine) [online]

### ***Factors Influencing Vessel Traffic Organization during the Dredging Works on Świnoujście-Szczecin Fairway***

**L. Filina-Dawidowicz**, **W. Durczak**, West Pomeranian University of Technology (Poland) [online]

### ***Navigating Growth: Unveiling the Economic Prospects of Maritime Sectors and Port Operations on Marine Environmental Dynamics***

**A. Rijkure**, University of Latvia (Latvia) [online]

***The Impact of Updated Transit Taxes through the Bosphorus on Ship Repair Industry in the Eastern Mediterranean and Black Sea***

**Y. Denev**, Technical University of Varna (Bulgaria) [online]

***Implementation of a Multi-Criteria Route Optimization System***

**T. Neumann**, Gdynia Maritime University (Poland) [online]

***The Water Transport of Export Cargo Specific in Wartime***

**Y. Krykavskyy**, **O. Shandrivska**, National University Lviv politechnik, **N. Shynkarenko**, Dnipro University of Technology (Ukraine) [online]

***Offshore Wind Farm Lifecycle and Needed Personnel and Skills***

**V. Senčila**, **R. Mickevičienė**, Klaipeda University (Lithuania)

***Efficiency of Sea-Land Intermodal Transport***

**V. Paulauskas**, Klaipeda University (Lithuania), **L. Filina-Dawidowicz**, West Pomeranian University of Technology (Poland), **D. Paulauskas**, Klaipeda University (Lithuania)

***Improving the Technological Sustainability of Seaport Organizational Ecosystem Based on Flexible Leadership***

**E. Valionienė**, **B. Plačienė**, Klaipeda University, Lithuanian Maritime Academy (Lithuania)

***Building Resilience of Port Organizational Ecosystems through Development of Entrepreneurial Business Models of Port Authority***

**E. Valionienė**, **E. Župerkienė**, Klaipeda University (Lithuania)

***Analysis of the Possibilities of Using Alternative Fuels for Port Cargo Handling Equipment***

**V. Lukauskas**, **V. Locaitiene**, Lithuanian Maritime Academy (Lithuania)

***Research on Propulsive and Seakeeping Qualities of Catamaran Hull Form***

**E. Iamshchikov**, **T. Steponavičius**, **R. Mickevičienė**, **V. Djackov**, Klaipeda University (Lithuania)

***The Influence of Port Tugs on Improving the Navigational Safety of the Port***

**M. Simutis**, Klaipeda University (Lithuania)

***Methodological Aspects for Evaluating Reliability Indicators of Diesel Engines Converted for Operation with Alternative Fuel Types***

**S. Lebedevas**, **E. Milašius**, Klaipeda University (Lithuania)

***Regulations towards Cryogenic Carbon Capture Implementation on the Marine Transport***

**A. Malūkas**, Klaipeda University (Lithuania)

***Pollution Assessment and Ways to Reduce Emissions Generated in Central Klaipeda Terminal***

**A. Jachontovas**, **D. Garbaniauskas**, **A.B. Stundytė-Piskovackaja**, Klaipeda University (Lithuania)

***Analysis of Emissions Generation in Different Terminals (Container and Bulk)***

**D. Šarkaitė**, **E. Gerulskytė**, **P. Razutis**, Klaipeda University (Lithuania)

***Analysis of Installation of Electricity Supply Technologies for Ships at the Cruise Ship Terminal in Order to Reduce Emissions***

**G. Norvilas**, **M. Malinauskas**, **O. Pliuškyš**, Klaipeda University (Lithuania)

***Investigation of the Economic and Ecological Effects of Merus Ring Technology Used in the Operation of Ship Water-Filled Systems***

**A. Litoš**, Lithuanian Maritime Academy (Lithuania)