Program of the 138th International esd Conference
'The Future of Maritime Sustainability – Decarbonisation, Digitalisation and Blue Innovation'

Split, Croatia, 29-30 October, 2026

Venue:
University of Split, Faculty of Maritime Studies, Ruđera Boškovića 37, 21000 Split, Croatia
Vijecnica Fakulteta

Main Host/Organizer:
Faculty of Maritime Studies, University of Split, Croatia

In cooperation with:
Maritime Department, University of Zadar, Croatia
University Department of Professional Studies, University of Split, Croatia
Faculty of Law, Economics and Social Sciences Sale - Mohammed V University in Rabat, Morocco
Faculty of Management University of Warsaw, Poland
Ecole Nationale de Commerce et de Gestion de Tanger - Abdelmalek Essaadi University, Morocco
GOVCOPP - University of Aveiro, Portugal

FACULTY OF MARITIME STUDIES

University of Zadar
Universitas Studiorum
Jadertina | 1396 | 2002 |

UNIVERSITY OF SPLIT
Department of Professional Studies

First day, October 29th 2026	***Individual arrival of delegates***
09:30 – 10:00	***Registration & Welcome Drink***
10:00 – 11:45	***Opening Ceremony & Plenary Session One*** ***Vijecnica Fakulteta***

WELCOME ADDRESS
Domagoj Cingula, esd Conference Organizing Committee
Sime Vucetic, esd Conference Scientific Committee (University of Zadar, Croatia)
Luka Grbic, University of Zadar, Croatia
Tina Peric, Vice Dean for Science at Faculty of Maritime Studies, University of Split, Croatia

1. MASS IN THE REPUBLIC OF CROATIA
Luka Grbic (Keynote Speech)

2. INFLUENCE OF BANK-EFFECT ON SAFETY OF NAVIGATION OF FULL FORM VESSELS
Mate Baric (Keynote Speech)

3. DIGITALISATION AS AN ENABLER OF PORT DECARBONISATION: A SYSTEMATIC REVIEW OF TECHNOLOGIES, OPERATIONAL MECHANISMS AND ENVIRONMENTAL OUTCOMES
Senka Borovac Zekan, Eli Marusic, Jelena Zanic Mikulcic, Gorana Jelic Mrcelic

4. STRATEGIC PLANNING OF THE NATIONAL MERCHANT MARINE FLEET AS A RESPONSE TO A CRISIS OR DISRUPTION IN THE SUPPLY CHAIN - LITERATURE REVIEW
Marko Sundov, Sime Vucetic, Ivica Glavan, Ljiljana Pericin, Nina Kostovic

5. DIAGNOSTIC APPROACH AND TYPICAL FAILURES IN ELECTRONIC CYLINDER LUBRICATION SYSTEMS ON M.A.N. ME ENGINES
Kristina Tomas, Branko Lalic, Tina Peric

6. FROM REPORTING TO INTELLIGENCE: RETHINKING ESG DATA IN THE MARITIME TRANSITION
Magdalena Wojcik – Jurkiewicz

7. TERRORISM AND FDI IN ASIAN REGION
Tomislav Galovic, Davorin Balaz, Ivan Uroda

11:45 – 12:00	***Coffee Break***

12:00 – 14:00 ***Plenary Session Two (Vijecnica Fakulteta)***

8. COST-EFFECTIVE PATHWAYS FOR REDUCING NOX EMISSIONS FROM MARINE TWO-STROKE LOW-SPEED DUAL-FUEL ENGINES
Ivan Gospic, Luka Grbic, Ivica Glavan, Frano Paro Vidolin

9. APPLICATION OF CONTROL CHARTS IN MONITORING THE CONDITION OF DAMAGED THRUST BEARINGS OF AZIPOD PROPULSOR
Mate Jurjevic, Nermin Hasanspahic, Ladislav Stazic, Nives Vidak

10. SUSTAINABLE MANAGEMENT OF MARINE RESOURCES IN COASTAL TOURISM: A CASE STUDY OF THE CITY OF MAKARSKA
Katarina Remenar

11. ENERGY AND EXERGY PERFORMANCE OF A VAPOR-COMPRESSION REFRIGERATION SYSTEM: EXPERIMENTAL INVESTIGATION OF EVAPORATOR OUTLET SUPERHEAT
Ante Tesija, Zdeslav Juric, Nikolina Pivac

12. STUDENT COMPETENCIES AND PREPAREDNESS FOR SUSTAINABLE DECISION-MAKING IN THE BLUE ECONOMY
Eli Marusic, Daniela Garbin Pranicevic, Maja Racic, Gorana Jelic Mrcelic

13. THE APPLICATION OF EMERGING TECHNOLOGIES IN MARITIME MANAGEMENT INFORMATION SYSTEMS: A COMPARATIVE ANALYSIS OF THEIR ROLE IN ENHANCING OPERATIONAL EFFICIENCY AND DECISION-MAKING
Mira Pavlinovic, Ivan Peronja, Iva Mamic

14. PORT CYBER INCIDENTS AND NIS2 REQUIREMENTS: EXPECTED IMPLEMENTATION GAPS IN CROATIAN PORTS
Vedran Gligora, Dino Zupanovic, Darko Plecas

15. ECOLOGICAL AND ECONOMIC UNSUSTAINABILITY OF SATELLITE COMMUNICATION SYSTEMS IN MARITIME OPERATIONS A COMPARATIVE ANALYSIS OF ENERGY EFFICIENT RADIO TECHNOLOGIES
Dean Sumic, Stjepan Pavicic

16. SAFETY OF THE USE OF GLOBAL COMMUNICATION SYSTEMS ON SHIPS IN MARITIME TRAFFIC
Pasko Ivancic, Zaloa Sanchez Varela

14:00 - **CLOSING REMARKS & LUNCH**

Second day, October 30th 2026	***Free Time for Delegates***