



## Wednesday, 24. September 2025

08:00 – 19:00	<b>REGISTRATION (ROOM A0.2)</b>		
09:00 – 09:10	<p><b>WELCOME SPEECH – CONFERENCE CHAIR (ROOM A0.2)</b> Prof. Dr. Ivan Peronja, Dean of Faculty, Faculty of Maritime Studies, University of Split</p>		
09:10 – 09:30	<p><b>OPENING CEREMONY (ROOM A0.2)</b> IMLA HONORARY CHAIR – Prof. Dr. Alison Noble HONORARY SECRETARY – Prof. Xin Shi UNIVERSITY OF SPLIT – Prof. Dr. Nikša Jajac, Vice-rector for Infrastructure</p>		
09:30 – 10:30	<p><b>KEYNOTE SPEAKERS (ROOM A0.2)</b> Prof. Maximo Q. Mejia Jr. – STCW and the Green Transition Capt. Berislav Vranic – Marine Environment Pollution Due to Containers Lost Overboard</p>		
10:30 – 11:00	<b>COFFEE BREAK</b>		
11:00 – 12:20	<p><b>MARITIME INDUSTRY SESSION</b> Leif Pentti Halvorsen (KONGSBERG Maritime AS) Vilde Marie Larsen &amp; Henning Pedersen Kvisberglien (Poseidon Simulation AS) Prof. Dr. Zalao Sanchez Varela (The Nautical Institute) Zrinka Čule (Odašiljači i veze d.o.o.)</p>		
12:20 – 12:25	<b>GROUP PHOTO</b>		
12:30 – 14:00	<p><b>LUNCH</b> Restaurant “Kampus” (Cvite Fiskovića 3, 21000, Split) (<a href="#">LOCATION</a>)</p>		
14:00 – 15:00	<b>ROOM A1.1</b>	<b>ROOM A1.2</b>	<b>ROOM A1.3</b>
		<p><b>CHAIR: Assoc. Prof. Dr. Pelin Bolat</b> <b>TOPIC: NAVIGATION SIMULATORS</b></p> <p><b>Impact of Technological and Operational Failures on Navigational Risks in Maritime Autonomous Surface Ships Using FMEA Method</b> Murat Mert Tekeli, Ângelo P. Teixeira &amp; Emre Akyuz</p> <p><b>Safety at Sea – Training Seafarers on Effective Implementation of the ISM Code</b> Reza Ziarati, German de Melo Rodriguez, Heikki Koivisto, Januz Uriasz, Lakhvir Singh, Aris Chronopoulos, Amirehsan Barzegarsedigh, Zakirul Bhuiyan, Dmytro Makarchuk, Vanessa Makker &amp; Nicholas Warriua</p> <p><b>Comprehensive evaluation between ECDIS two and four depth shades colouring of the sea areas</b> Nikolay Sozonov &amp; Ivaylo Mitishev</p> <p><b>Dynamic Positioning training and certification scheme: overview and prospects</b> Zalao Sánchez-Varela &amp; David Boullosa-Falces</p>	<p><b>CHAIR: Gerardo Ramon S. Galang</b> <b>TOPIC: ENGINE ROOM SIMULATOR</b></p> <p><b>Demonstration of NOx emission reduction using the ER simulator</b> Ladislav Stazić, Mate Jurjević &amp; Ante Čalić</p> <p><b>Simulation vs. Reality in Engine Diagnostics: Optimizing Marine Engineering Education</b> Darija Jurko, Tino Sumić &amp; Jure Penga</p> <p><b>Integrating 3D Engine Room Simulation in Multiple Courses in a Baccalaureate Program to Maximize Student Learning</b> Alok Verma &amp; Andrew Moore</p> <p><b>Development of control and interaction components for simulating dynamic smoke management in VR fire emergency scenarios</b> Miroslav Vukičević, Robert Janković, Darko Glujić &amp; Ivan Šoć</p>



<p><b>15:00 – 16:00</b></p>	<p><b>ROOM A1.1</b></p> <p><b>INTERACTIVE PRESENTATION</b></p> <p><b>The added value of VR in training of non-technical skills for resilient &amp; safe (maritime) operations</b> Monique van der Drift, Jantsje Mol, Thierry Verduijn, Joost Modderman &amp; Coen Zuidervaart</p>	<p><b>ROOM A1.2</b></p> <p><b>CHAIR: Prof. Dr. Zalao Sánchez-Varela</b> <b>TOPIC: NAVIGATION SIMULATORS</b></p> <p><b>A Survey-Based Assessment of VR-Enhanced GMDSS Training</b> Emre Duzenli, Gizem Kayisoglu, Selen Uygur &amp; Pelin Bolat</p> <p><b>Navigational Safety Enhancement Using AI-Based Obstacle Detection for Ships</b> Prasheet Mishra, Pritam Pattanaik, Vik Patra, Saswat Ranjan Barik &amp; Pallab Das</p> <p><b>Analysis of the e-Navigation concept using a logical framework matrix and SWOT analysis</b> Mirko Čorić, Zvonimir Lušić, Miro Petković &amp; Vinko Demicheli</p> <p><b>Reforming the Nautical Sciences Curriculum for Future Maritime Needs</b> Klaas De Hert</p>	<p><b>ROOM A1.3</b></p> <p><b>CHAIR: Assoc. Prof. Dr. Carmen Chirea-Ungureanu</b> <b>TOPIC: MARITIME ENGLISH &amp; COMMUNICATION</b></p> <p><b>Smooth Sailing or Rough Waters? AI at the Helm of Maritime Student Evaluations</b> Pieter Decancq &amp; Alison Noble</p> <p><b>English for Seafarers – the use of new technologies for teaching ESP</b> Halina Gajewska</p> <p><b>Professional Development for Maritime English Teachers through Collaborative Classroom Research</b> Gregory Sholdt</p> <p><b>Enhancing Maritime English Proficiency through Academic Journal Articles and Field-Related Online Materials</b> Seda Cinar Alabay</p>
<p><b>16:00 – 16:30</b></p>	<p><b>COFFEE BREAK</b></p>		
<p><b>16:30 – 17:45</b></p>	<p><b>WORKSHOP</b></p> <p><b>MICROMET Project Workshop: Reviewing Quality Standards in MET</b> Zalao Sanchez Varela &amp; Ana Gundić</p>	<p><b>CHAIR: Prof. Dr. Momoko Kitada</b> <b>TOPIC: HUMAN ELEMENT</b></p> <p><b>The Basic Theories in Psychology and Their Application for Bridge or Engine Resources Management Courses</b> Octavian Postolache</p> <p><b>Organizational Factors and Perceived Sick Leave Security as Predictors of Seafarers' Mental Health</b> Sandra Bijelić Tadić, Slavka Kraljević &amp; Andrea Russo</p> <p><b>The Human Factor as a Cause for Unseaworthiness of Vessels in Marine Insurance</b> Peter Sandell</p> <p><b>Digitalization in the Maritime Industry – Social and Psychological Challenges in Bulgaria</b> Kamelia Narleva, Yana Gancheva &amp; Anna Karadencheva</p>	<p><b>CHAIR: Annamaria Gabrielli</b> <b>TOPIC: MARITIME ENGLISH &amp; COMMUNICATION</b></p> <p><b>Assessing the Relevance of Zipf's Law in Maritime Technical Texts</b> Zorica Đurović</p> <p><b>Improvement of Routine Maritime Communication Skills through the Use of Digimar Tools</b> Violeta Jurković &amp; Valter Suban</p> <p><b>The Importance of Soft Skills and Maritime English for Effective Communication in the Maritime Industry</b> Carmen Chirea-Ungureanu</p> <p><b>AI-Driven Solutions for Enhancing Listening Comprehension for Routine and Emergency Communication</b> Zurab Bezhanovi, Natia Vasadze, Tamar Dolidze &amp; Givi Tsitskishvili</p> <p><b>Calibrating the standard protocol of communication: Challenges in teaching, learning and understanding routine communication at sea</b> Annamaria Gabrielli</p>
<p><b>20:00</b></p>	<p><b>GALA DINNER</b> Restaurant "Kampus" (Cvite Fiskovića 3, 21000, Split) (<a href="#">LOCATION</a>)</p>		



Thursday, 25. September 2025

<p>09:00 – 10:30</p>	<p align="center"><b>KEYNOTE SPEAKERS (ROOM A0.2)</b>          Assoc. Prof. Nicole Ziegler – Maritime Miscommunication: Perspectives from Applied Linguistics          Dr. Ivan Kraemer – Global Shipping in Stormy Waters: New Challenges for Maritime Education and Training          Dr. Clarie Pekcan – Charting a New Course: Transforming People Management in the Shipping Industry</p>		
<p>10:30 – 11:00</p>	<p align="center"><b>COFFEE BREAK</b></p>		
<p>11:00 – 12:00</p>	<p align="center"><b>ROOM 435</b></p>	<p align="center"><b>ROOM A1.2</b></p> <p align="center">CHAIR: Dr. Ladislav Stazić  <b>TOPIC: MARITIME EDUCATION &amp; TRAINING (MET)</b></p> <p align="center"><b>DigiMar: Advancing Maritime Communication Training through Digital Learning</b>          Sandra Tominac Coslovich, Annamaria Gabrielli, Jana Kegalj &amp; Mirjana Borucinsky</p> <p align="center"><b>Strengthening Maritime Education and Training in Kenya</b>          Franklin Nyairo, Magdalene Kituku &amp; Josephine Nthia</p> <p align="center"><b>Formation of Human Resources within the Framework of the Gender Policy of the Maritime Industry</b>          Olena Sienko &amp; Maryna Chesnokova          (ONLINE)</p> <p align="center"><b>Enhancing Hospitality Excellence: Integrating Soft Skills and Intercultural Competencies for Cruise Ship Crews. Analysis of a case study: Semester at Sea</b>          Viviana Premazzi &amp; Soo Kang</p>	<p align="center"><b>ROOM A1.3</b></p> <p align="center">CHAIR: Prof. Dr. Alison Noble  <b>TOPIC: MARITIME ENGLISH &amp; COMMUNICATION</b></p> <p align="center"><b>Implementation of English for Ship Maneuvering Under Pilotage and Tug Assistance into Teaching</b>          Adelija Čulić Viskota, Dario Medić &amp; Zaloa Sanchez Varela</p> <p align="center"><b>Evaluation of AI Translation of English Maritime Documents into Japanese and the Impact of User-Prepared Knowledge Base in ChatGPT</b>          Naoyuki Takagi</p> <p align="center"><b>Constructive Alignment in Maritime English: A Case Study from the University of Rijeka</b>          Jana Kegalj &amp; Sandra Tominac Coslovich</p> <p align="center"><b>Mixed Crew Onboard, Mixed Crew at University</b>          Peter Björkroth</p>
<p>12:30 – 14:00</p>	<p align="center"><b>LUNCH</b>          Restaurant “Kampus” (Cvite Fiskovića 3, 21000, Split) (<a href="#">LOCATION</a>)</p>		
<p>14:00 – 15:15</p>	<p align="center"><b>WORKSHOP (ROOM 435)</b></p> <p align="center"><b>Teach with ChatGPT</b>          Alcino Ferreira</p>	<p align="center">CHAIR: Dr. Adelija Čulić Viskota  <b>TOPIC: MARITIME EDUCATION &amp; TRAINING (MET)</b></p> <p align="center"><b>Cloud-Based Training Simulation: Evaluating Implementation Necessity for Indonesian MET Institutions</b>          Stevian Rakka</p> <p align="center"><b>Looking out for future seafarers: Implications of rebranding 21st century skills</b>          Anne Pazaver &amp; Momoko Kitada</p> <p align="center"><b>Strengthen ties between university and maritime sector</b>          Murat Saka &amp; Ergun Demirel</p> <p align="center"><b>Mental Wellbeing of Maritime Educators and Skill Gap for Training Needs Analysis</b>          Umabharati Nayak, Prasheet Mishra, Vik Patra, Saswat Ranjan Barik, Pallab Das &amp; Pritam Pattanaik</p>	<p align="center">CHAIR: Dr. Takeshi Nakazawa  <b>TOPIC: ENGINE ROOM SIMULATOR</b></p> <p align="center"><b>Assessing the Impact of Workloads on Situational Awareness of Maritime Students in Engine Room Simulations</b>          Gerardo Ramon S. Galang, Rodolfo R. Pairo &amp; Rosangela Anne D. Salaya</p> <p align="center"><b>Education tools for Electro-Technical Officer (ETO) part II</b>          Axel Rafoth &amp; Jens Borchhardt</p> <p align="center"><b>System Thinking for CO<sub>2</sub> Emission of Cruise Ships in EU</b>          Selen Uygur, Emre Duzenli, Gizem Kayisoglu &amp; Pelin Bolat</p> <p align="center"><b>Investigating Wind Power Potential at MAAP: An Energy Resource Assessment</b>          Lucita Benitez</p>
<p>15:15 – 15:45</p>	<p align="center"><b>COFFEE BREAK</b></p>		



<p><b>15:45 – 17:00</b></p>	<p style="text-align: center;"><b>CHAIR: Michael Amon</b> <b>TOPIC: MARITIME EDUCATION &amp; TRAINING (MET)</b></p> <p style="text-align: center;"><b>A Conceptual Framework for Classifying Competencies of Maritime Professionals in VR-Based Training</b> Volodymyr Golikov, Wu Peng &amp; Kateryna Vykhrenko</p> <p style="text-align: center;"><b>Andragogical Approaches to Education and Training: A Critical Evaluation of Maritime Education in the Context of Industry 5.0</b> Aysel Camci, Ecem Arik, Seda Coskun Kaksa &amp; Firat Bolat</p> <p style="text-align: center;"><b>How physical activity affects management skills and leadership? A qualitative study of the experiences of Croatian Navy seafarers</b> Bepo Žura, Antea Šipalo Lilić &amp; Luka Androja</p> <p style="text-align: center;"><b>The Implication of Non-Sea Time Training for Nigerian Cadets</b> Adeola Oluwatoyin Osundiran &amp; Tshehla Makgopa</p> <p style="text-align: center;"><b>CHAIR: Dr. Sandra Tominac Coslovich</b> <b>TOPIC: MARITIME DECARBONIZATION &amp; DIGITALIZATION</b></p> <p style="text-align: center;"><b>Monitoring of Waste Accumulation on the Black Sea Coast of Adjara and the Decarbonization Process</b> Mzia Diasamidze &amp; Anna Shotadze</p> <p style="text-align: center;"><b>The Impact of Autonomous Vessels on Global Maritime Logistics Networks</b> George Gabadava</p> <p style="text-align: center;"><b>Strengthening Cyber Resilience at Sea: Cross-Sectoral Insights for Maritime Risk Mitigation</b> Lakhvir Singh, Reza Ziarati, German de Melo Rodriguez, Aris Chronopoulos Konstantinos Karampidis, Manos Vasilakis, Izabela Bodus-Olkowska, Janne Lahtinen, Vanessa Makker, Andrei Bautu, Tomaz Gregoric &amp; Monika Klein</p>
<p><b>17:00 – 18:00</b></p>	<p style="text-align: center;"><b>IMLA AGA MEETING</b> (Faculty hall – 2<sup>nd</sup> floor)</p>
<p><b>20:00</b></p>	<p style="text-align: center;"><b>DINNER</b> Restaurant “Đir” (Ulica Matice hrvatske 1, 21000, Split) (<a href="#">LOCATION</a>)</p>



Friday, 26. September 2025

<p>10:00 – 12:00</p>	<p align="center"><b>FACULTY OF MARITIME STUDIES – GUIDED TOUR</b> (MEETING POINT: IN FRONT OF THE ANCHOR – FACULTY OF MARITIME STUDIES, RUĐERA BOŠKOVIĆA 37, SPLIT; NORTHERN ENTRANCE) (LOCATION)</p>		
<p>12:00 – 13:30</p>	<p align="center"><b>COFFEE BREAK &amp; FINGER FOOD</b> (in front of the Rooms A1.1/A1.2/A1.3)</p>		
<p>13:30 – 14:45</p>	<p align="center"><b>ROOM A1.1</b></p>	<p align="center"><b>ROOM A1.2</b></p> <p align="center">CHAIR: Prof. Dr. Qi Chen TOPIC: MARITIME POLICY &amp; STRATEGY</p> <p>Significance of the entry into force of the Hong Kong Convention for improving the environmental aspects of ship recycling Ranka Petrinović, Nikola Mandić &amp; Toni Vuković</p> <p>Legal Mechanisms for Marine Environment Protection: Challenges of Harmonizing International and National Regulations Salome Dolidze, Karina Melikjanyan, Mariam Oragvelidze &amp; Natia Dolidze</p> <p>Trump's New Tariff Policy and Its Impact on the Shipping Industry Qi Chen, Amanda Pang &amp; Daniel Pang</p> <p>Comparative analysis of Turkish and EU maritime legislation in terms of ship registry Ece Nazli Dogangun, Hazal Zeynep Akyurek &amp; Firat Bolat</p>	<p align="center"><b>ROOM A1.3</b></p> <p align="center">CHAIR: Anne Pazaver TOPIC: MARITIME EDUCATION &amp; TRAINING (MET)</p> <p>Development of Post Graduate Studies in Support of Maritime Sector Murat Saka &amp; Ergun Demirel</p> <p>A comprehensive risk assessment for the adaptation of human element to maritime digital transformation Muhammed Fath Gulen, Carlos Guedes Soares &amp; Ozcan Arslan</p> <p>Automated Assessment of Maritime Simulator Training: A Data-Driven Approach Using Large Language Models Arbresh Ujkani &amp; Paul Koch</p> <p>Digitalization of Maritime Education and Training (MET) Quality Standard System (QSS) in Maritime Academy of Aisa and the Pacific (MAAP) Michael Amon, Susan Murillo &amp; May Anne Conocido</p>
<p>15:00 – 16:30</p>	<p align="center">CHAIR: Capt. Quentin Cox TOPIC: MARITIME STUDIES: SAFETY &amp; SECURITY</p> <p>Stressfulness Assessment of the Skippers – A Pilot study Luka Pezelj, Matko Maleš &amp; Boris Milavić</p> <p>Maritime Education and Digital Technologies – the New Ways of Pollution Prevention of Sea Environment Anna Shotadze &amp; Mzia Diasamidze</p> <p>Ship inspection and evidence of effective training. The Challenges of a New Inspection Regime – SIRE 2.0 Quentin Cox, Mark Que &amp; Hayacynth Janes</p> <p>Cybersecurity for Seafarers: Human Factor Risks and Training Solutions Pallab Das, Sanjampreet Singh, Vik Patra, Prasheet Mishra, Saswat Ranjan Barik &amp; Pritam Pattanaik</p> <p>Emerging Techniques for Maritime Fault Diagnosis L. F. Mendonça, J. M. C. Sousa &amp; S. M. Vieira</p> <p align="center">CHAIR: Assoc. Prof. Dr. George Gabedava TOPIC: MARITIME MANAGEMENT &amp; LOGISTICS</p> <p>Maritime Ports as Integral Components of Urban and Environmental Politics Neslihan Kirval, Tanzer Satir &amp; Levent Kirval</p> <p>Cash Flow Management in Marine Commercial Shipping Olena Sienko, Maryna Chesnokova &amp; Sergey Karianskyi <b>(ONLINE)</b></p> <p>Comparative Analysis of the Merchant Marine Fleets of the Adriatic Countries Ecem Arik, Seda Coskun Kaksa, Aysel Camci &amp; Firat Bolat</p> <p>Using CMMS for Teaching Logistics Processes Antonija Mišura &amp; Ladislav Stazić</p> <p>Can the adverse economic effects of the nautical tourism sector outperform its beneficial outcomes? Croatian case: The islands of Brač and Hvar Eli Marušić, Katija Kovačić, Anita Blažević &amp; Maja Krčum</p>		



16:30 – 17:30

**CLOSING CEREMONY (ROOM A0.2)**  
CERTIFICATES OF APPRECIATION CEREMONY – Dr. Adelija Čulić Viskota  
BEST PRESENTATION/PAPER AWARDS & WRAP UP – Prof. Dr. Luka Vukić, Vice Dean for Development and International Cooperation  
IMLA 31 CONFERENCE ANNOUNCEMENT

17:30 – 18:30

**CLOSING COCKTAIL**  
FACULTY OF MARITIME STUDIES – PLANETARIUM (7<sup>TH</sup> FLOOR)

Saturday, 27. September 2025

08:00 – 18:00

**SOCIAL PROGRAM**  
(OPTIONAL WITH REGISTRATION)