



MASSACHUSETTS MARITIME ACADEMY

IAMU | AGA24



IAMU
International Association of Maritime Universities



24TH ANNUAL
GENERAL ASSEMBLY
9-12 OCTOBER 2024

INTERNATIONAL ASSOCIATION OF MARITIME UNIVERSITIES (IAMU)

IAMU was founded by seven universities representing the five continents of the world (Representative Universities) in November 1999, with a shared recognition of the significance of maritime education and training in the rapid globalization of the international shipping arena. Since then, IAMU has significantly expanded its membership, and now boasts **73 universities/academies/faculties** of the world's maritime education and training institutions, and the Nippon Foundation as its members, total **75 altogether**.

IAMU ANNUAL GENERAL ASSEMBLY (AGA)

The Annual General Assembly (AGA) is a forum to allow the exchange of information, policy approvals, and the development and fostering of good relations and collaboration among IAMU member universities.

The Plenary Session, Presidents' Forum, Project Presentations and IAMU conference (IAMUC) are the main components of AGA. The IAMU Student Program (IAMUS) may be jointly organized by the host university.

PLENARY SESSION

The Plenary Session provides all staff of member universities with an opportunity to review activities of IAMU and to approve IAMU policies, programs and budget as recommended by the International Executive Board (IEB). The Chair of IAMU and the Executive Director, on behalf of IEB, report to the member universities on the decision of the IEB.



PRESIDENTS' FORUM

The Presidents' Forum is a meeting in which the Presidents of IAMU member universities talk about issues especially on policy, direction, and activity of IAMU considering the academic relationship among member universities as well as the economic and technological developments in the international maritime community. The Local Executive Committee (LEC) of an AGA is responsible for organizing the Presidents' Forum during the AGA.

PROJECT PRESENTATIONS

Each project coordinator/representative of a funded project such as a working group, research, and development project shall make a project presentation in front of academic staff of member universities during the AGA, which is to improve the quality of the project.

IAMUC CONFERENCE

IAMU Conference provides academic staff of member universities with an opportunity to present the outcomes of their academic/scientific research to the IAMU community. The LEC together with the International Program Committee (IPC) jointly organizes the IAMU Conference, including the selection of session topics and qualifying papers.

IAMU STUDENT PROGRAM

LEC of an AGA may organize the IAMU Student Program (IAMUS) during the AGA where students of member universities jointly participate in some events related to students' activities.



Welcome to AGA24

The Annual General Assembly (AGA) is the annual meeting of the International Association of Maritime Universities (IAMU). The International Association of Maritime Universities Conference (IAMUC), held annually as part of the AGA, brings together experts and official representatives of IAMU member universities from all over the world to discuss recent progress and future trends in Maritime education, training, research, and other matters within the scope of IAMU.

Massachusetts Maritime Academy is honored to host the 24th Annual General Assembly, IAMUC and IAMUS 2024.



INTRODUCTION

The 24th Annual General Assembly will be a remarkable event hosted by the Massachusetts Maritime Academy, an institution that has educated and trained mariners since its founding in 1891. The conference will highlight our theme of protecting mariners, promoting our industry, and providing for the future. The Academy is located at the mouth of the Cape Cod Canal on a more than 55-acre, oceanfront campus. This picturesque location is just minutes away from Cape Cod's quaint villages, sandy beaches, harbors, and lighthouses, with access to the islands of Martha's Vineyard and Nantucket. Located just 60 miles from Boston, Massachusetts Maritime Academy enjoys convenient access to all the cultural offerings of the city.

AGA24 | IAMUC Technical Tour

HISTORICAL BOSTON HARBOR CRUISE

Join us for a delightful journey through history as we set sail on the picturesque waters of Boston Harbor! This unique cruise will take you back in time, exploring the rich maritime history of the city. Enjoy panoramic views of the Boston skyline, iconic landmarks, and historic sites. Learn fascinating stories and facts about Boston's role in the American Revolution, its historic waterfront, and much more.

On this fully narrated one-hour Historic Boston Harbor Cruise through Boston's world-famous harbor, we'll regale you with heroic tales of the Revolutionary War and local legends of the sea. Learn how the harbor was transformed into one of the cleanest waterways in the country. Other highlights include views of the Boston Harbor Islands, USS Constitution ("Old Ironsides"), and the Bunker Hill Monument.

As the harbor cruise ends in Boston, attendees have the option to depart the conference and stay in Boston or return to Buzzards Bay on the buses.

You can bring any luggage with you on the buses. Please remember to dress casual for the tour and wear comfortable closed toe shoes.

Tuesday, October 8

Time	Event and Location
1300-1600	Early Registration <i>There will be registration desks in the lobbies of the Hampton Inn and TownePlace Suites hotels.</i>
1830	Motor Coach Pickup at Hampton Inn and TownePlace Suites Shuttle Service from Quality Inn, Eastern Inn and Inn on Onset Bay Drop off Parade Field
1900-2100	Welcome Reception and Registration Mess Deck, Pande Dining Hall Massachusetts Maritime Academy Welcome Remarks CDRE Brigid Pavidonis, Provost and Senior VP, Massachusetts Maritime Academy <i>Music: Sine Verba, Sarah Jeremias and Steve Reynolds</i>
2100	Motor Coach Back to Hampton Inn and TownePlace Suites Shuttle Service to Quality Inn, Eastern Inn and Inn on Onset Bay



Wednesday, October 9

Time	Event and Location	
0900	Motor Coach Pickup at Hampton Inn and TownePlace Suites Shuttle Service from Quality Inn, Eastern Inn and Inn on Onset Bay Drop off Harrington Hall	
0900	Same-Day Registration / Information Table Admirals' Hall Lobby, Harrington Hall	
0930-1030	AGA24 Opening Ceremony Admirals' Hall	
1030-1100	Group Photo American Bureau of Shipping Information Commons	
1100-1200	Presidents Forum Maritime Conference Center (Presidents or official proxies only)	Coffee & Campus Tour Start: Admirals' Hall Lobby (All conference attendees)
1200-1300	Lunch Mess Deck, Pande Dining Hall	
1300-1430	Plenary Session (IAMU Members Only) Admirals' Hall	
1430-1445	Coffee Break Lobby Admirals' Hall	
1445-1645	IAMU Project Presentations: <i>IAMU Funded Research</i> Admirals' Hall	
1450-1500	Opening for Project Presentation	Nafiz Arica (head of AAC)
1500-1510	Modeling of the Use of Artificial Intelligence Platforms in Maritime Education and Training: Benchmarking of the IAMU Member Universities	Funda Yercan
1510-1520	Technological Challenges Identification Based on MASS Degree of Autonomy Framework	Ruolan Zhang

Wednesday, October 9

Time	Event and Location	
1520-1530	Facilitating greener education and cleaner shipping through the development of NOvel bespoke microtextured metals to combat bioFOULing in niche areas on vessels	Simone Dürr
1530-1540	Women in Maritime: Aiming for a Gender-Equitable Future Workforce	Gholam Reza Emad
1540-1550	Maritime Decarbonization Education and Training Initiative (MDETI)	Paola Strata
1550-1600	Contributing to the Revision of the STCW Convention and Code	Meric Karahalil
1600-1610	ROV education and training for seafarers	Antonio Blazina
1620-1630	IAMU framework for collection of information on graduate employment	Huanxin Wang
1630-1640	Developing of NOISE MAPs for passenger port of Split	Luka Vukić
1640-1650	Closing of Day 1	
1700	Motor Coach Back to Hampton Inn and TownePlace Suites Shuttle Service to Quality Inn, Eastern Inn and Inn on Onset Bay <i>Hampton Inn Bus will be shuttling two times.</i>	
1810	Motor Coach Pickup at Hampton Inn and TownePlace Suites Shuttle Service from Quality Inn, Eastern Inn and Inn on Onset Bay Drop off Parade Field Tent <i>Hampton Inn Bus will be shuttling two times.</i>	
1830	Cape Cod Autumn Harvest Dinner Parade Field Tent <i>Please dress for an outdoor tent event on the lawn.</i> <i>Welcome Remarks: RADM Francis X. McDonald, USMS, President Massachusetts Maritime Academy</i> <i>Music: John Ruzicka</i>	
2100	Motor Coach Back to Hampton Inn and TownePlace Suites Shuttle Service to Quality Inn, Eastern Inn and Inn on Onset Bay	

Thursday, October 10

Time	Event and Location		
0815	Motor Coach Pickup at Hampton Inn and TownePlace Suites Shuttle Service from Quality Inn, Eastern Inn and Inn on Onset Bay Drop off Maritime Conference Center		
0845-0900	IAMU Conference, Technical Sessions <i>Opening Remarks - CDRE Brigid Pavidonis, Provost and Senior VP Academic Affairs; Dr. Paul Szwed</i> Maritime Conference Center		
Oral Presentations	Session A1 Maritime Conference Center	Session B1 Maritime Conference Center	Session C1 Baystate Conference Center
0900-1000	Simulating the Future: AI, Data, and Virtual Reality in Maritime Training Chair: Darko Glujić, University of Rijeka	Navigating New Horizons: Course Development for Seafarer Training Chair: Anthony Rogone, SUNY Maritime	Shaping the Future Crew: Competency, Language, and Professional Growth Chair: Reza Emad, Australian Maritime University
0900-0920	Jens Brauchli Jensen Navigating Tomorrow: Designing a Simulator Scenario for AI Training Data Collection	Nicolas Nause Opportunities and challenges of part-time studies in Maritime Education and Training	Iryna Shvetsova, Alona Leshchenko Enhancing Professional Development through Foreign Language Communicative Competence in Navigation and Ship Handling Specialists

Thursday, October 10

Time	Event and Location		
Oral Presentations	Session A1 Maritime Conference Center	Session B1 Maritime Conference Center	Session C1 Baystate Conference Center
0920-0940	Lars Finnema Enhancing Realism in Maritime Simulators through Operational Data and Machine Learning	Ana Gundić, Piotr Kopacz, Zaloa Sánchez Varela, F. X. Martínez de Osés Harmonization of non-STCW short-learning courses	Ryo Hiwatashi, Momoko Kitada A pathway to competency by optimizing sea time and lecture time: A comparative analysis and the case of MET in Japan
0940-1000	Darko Glujić, Goran Vizentin, Goran Vukelić, Dean Bernečić, Dario Ogrizović Advanced CFD Fire Model in Ship Engine Room with VR Integration	Paul Szwed, Srđan Vujičić, Martina Hrnić Evaluating Alignment of IMO Model Courses - Simulation	Heikki Koivisto, Gholam Reza Emad Training of the Future Marine Engineers
1000-1030	Posters Poster Sessions & Coffee Break Maritime Conference Center Rooms 109, 110		

Thursday, October 10

Time	Event and Location		
Oral Presentations	Session A2 Maritime Conference Center	Session B2 Maritime Conference Center	Session C2 Baystate Conference Center
1030-1130	<p>Breaking Waves: Gender Equality and Empowerment in Maritime Training</p> <p>Chair: Angelica Baylon, Maritime Academy of Asia & the Pacific</p>	<p>Enhancing Maritime Skills: Tools, Technology, and Extracurricular Impact</p> <p>Chair: Tanzer Satir, Istanbul Technical University</p>	<p>Cybersecurity and Situational Awareness: The Cutting Edge of Maritime Training</p> <p>Chair: Ashok Pandey, Massachusetts Maritime Academy</p>
1030-1050	<p>Claudia Barahona-Fuentes, Marcella Castells-Sanabra</p> <p>Gender mainstreaming practices in METIs: Some case studies</p>	<p>Malte Pertiet, Markus Janczyk, Valentin Koob</p> <p>Analysis of Vector and Trail Modes on Marine Radar Screens</p>	<p>Charlott Sellberg, Olle Lindmark, Astrid Camilla Wiig</p> <p>Radio-mediated instructions in dynamic positioning training</p>

Thursday, October 10

Time	Event and Location		
Oral Presentations	Session A2 Maritime Conference Center	Session B2 Maritime Conference Center	Session C2 Baystate Conference Center
1050 - 1110	<p>Momoko Kitada, Ryo Hiwatashi</p> <p>Achieving Gender Equality Through Simulator Training</p>	<p>Johannes Kolind, Mads Klit Rønn</p> <p>How to Choose the Right Lab Equipment? – A Decision Support Framework for Investment in Energy Conversion and Storage Technologies for Engineering Educations</p>	<p>Cihat Asan, Alparslan Baskaya</p> <p>Scale Development to Measure the Cybersecurity Perception of Maritime Industry Employees and a Sample Application on the Istanbul - Türkiye Region</p>
1110-1130	<p>V. Sangeetha, R. Vettriselvan, R. Ramya</p> <p>Fostering Sustainable Societal Progress: Unveiling the Crucial Role of Gender Equity in Empowering Women across MTI's</p>	<p>Jeric Bacasdoon, Caroline Dacwag-Balila</p> <p>Are extras just extra? Extra-curricular activities and the attainment of GMP BoK Learning Outcomes</p>	<p>Khairul Izzati bin Kamarumtham, Koji Murai</p> <p>An Ingenious Method to Reveal Seafarers' Situational Awareness Levels: A Bio-signal and Video Analysis</p>
1145 - 1245	Lunch Pande Dining Hall		

Thursday, October 10

Time	Event and Location		
Oral Presentations	Session A3 Maritime Conference Center	Session B3 Maritime Conference Center	Session C3 Baystate Conference Center
1300-1400	Autonomous Seas: Revolutionizing Maritime Operations and Education Chair: Weihao Wang, Wuhan University of Technology	E-Learning at Sea: Redefining Maritime Education for the Digital Age Chair: Nino Kurshubadze, Batumi State Maritime Academy	Reframing the Profession: Education, History, and New Frontiers Chair: Mahmoud Elsayed El Bawab, Arab Academy of Science Technology, and Maritime Transport
1300 - 1320	Peng Lin, Guoliang Yuan, Xianping Fu Autonomous launch and recovery of nearshore ROV based on USV	Johan Bolmsten, Woo-Seung Shin, Daniel Moon E-Learning Capacity-Building – The Case of IMO’s Integrated Technical Cooperation Program	Anne Pazaver, Momoko Kitada Popular representations of the seafaring profession: A corpus-assisted discourse analysis (CAD)
1320 - 1340	Peter Sandell Autonomous Vessels and Fairways – The Nordic Law approaches	Dino Zupanovic, Srdjan Vujicic, Marcella Castells-Sanabra, Krzysztof Wróbel E-Learning in Maritime Higher Education	Astrid Zekić, Zaloa Sanchez-Varela, Ivica Skoko, Renato Ivče Analysis of Maritime Pilots’ Education in the Republic of Croatia

Thursday, October 10

Time	Event and Location		
Oral Presentations	Session A3 Maritime Conference Center	Session B3 Maritime Conference Center	Session C3 Baystate Conference Center
1340 - 1400	Peter Sandell Autonomous Vessels and AutoMare EduNet – National Revolution of Maritime Education in Digivisio 2030 Platform	Nicolas Nause, Christian Jauernig Use of lightboard videos in Maritime Education and Training	Paul A. Wlodkowski, Laurie E. Flood, Jerald S. Paul The Nuclear Merchant Mariner (NMM): Designing a Framework for Education and Training
1400-1430 Poster Sessions & Coffee Break	Maritime Conference Center Rooms 109, 110		
Oral Presentations	Session A4 Maritime Conference Center	Session B4 Maritime Conference Center	Session C4 Baystate Conference Center
1430-1530	Future-Proofing Maritime Operations: Health, Safety, and Digital Skills Chair: Paweł Kołakowski, Gdynia Maritime University	Navigating Emissions, Risks, and Arctic Routes in Maritime Policy Chair: Cassia Bömer Galvão, Texas A&M University	Digital Skills and Cybersecurity: Safeguarding the Future of Maritime Chair: Johan Eliasson Ljungklint, Chalmers University of Technology

Thursday, October 10

Time	Event and Location		
Oral Presentations	Session A4 Maritime Conference Center	Session B4 Maritime Conference Center	Session C4 Baystate Conference Center
1430-1450	<p>Samrat Ghosh, Marcus Bowles</p> <p>Incorporating the Human Capability Standards (HCS) Framework into the STCW Code for future ship operators</p>	<p>German de Melo Rodriguez, Izabela Bodus-Olkowska, Tomaz Gregorič, Kacper Dziedzic, Natasza Blek, Vanessa Makar, Natalia Wawrzyniak, Janne Lahtinen, Mariusz Dramski</p> <p>Design and functionalities of Decision Support System regarding the risk of Epidemic threats on a sea-going Vessel</p>	<p>Inga Bartusevičienė, Iryna Savelieva, Momoko Kitada</p> <p>Integrating public policies to increase digital skills among the MET faculty</p>
1450-1510	<p>Sofia Kallou, Nikitas Nikitakos, Dimitrios Papachristos, Dimitrios Dalaklis, Momoko Kitada</p> <p>Emotional Intelligence (EI) and Teamwork in Ship's Bridge: A Proposed Training Framework for Upskilling</p>	<p>Filip Bojić, Anita Gudelj, Rino Bošnjak, Ante Čalić</p> <p>Modeling and analysis of emissions released by MGO and LNG powered cruise ships in port areas</p>	

Thursday, October 10

Time	Event and Location		
Oral Presentations	Session A4 Maritime Conference Center	Session B4 Maritime Conference Center	Session C4 Baystate Conference Center
1510 - 1530	<p>Dhiraj Kumar, Bappa Acherjee and Arunanshu Shekhar Kuar</p> <p>Microstructural and Corrosion Behaviour of Laser Welded NITINOL for Marine Engineering Application</p>	<p>Saim Turgut Koçak, Funda Yercan</p> <p>Comparative Analysis of Arctic and International Shipping Routes - A Comprehensive Update</p>	<p>Knud Benedict, Michael Baldauf, Mario Gehrke, Michael Gluch and Matthias Kirchhoff</p> <p>Ship Handling Training using Manoeuvring Prediction</p>
1530-1600 Poster Sessions	Maritime Conference Center Rooms 109, 110		
1700	Motor Coach Back to Hampton Inn and TownePlace Suites Shuttle Service to Quality Inn, Eastern Inn and Inn on Onset Bay		
1830	Motor Coach Pickup at Hampton Inn and TownePlace Suites Shuttle Service from Quality Inn, Eastern Inn and Inn on Onset Bay Drop of Parade Field		
1900	<p>GALA Dinner Pande Dining Hall</p> <p>Opening Remarks Dr. Takeshi Nakazawa, Professor, Executive Director, IAMU</p> <p>Keynote Speaker Ms. Tina Revsbech, Chief Executive Officer, Maersk Tankers</p> <p><i>Music: Massachusetts Maritime Academy Jazz Band</i></p>		
2200	Motor Coach Back to Hampton Inn and TownePlace Suites Shuttle Service to Quality Inn, Eastern Inn and Inn on Onset Bay		

Friday, October 11

Time	Event and Location	
IAMU Conference, Technical Sessions		
0800	Motor Coach Pickup at Hampton Inn and TownePlace Suites Shuttle Service from Quality Inn, Eastern Inn and Inn on Onset Bay Luggage storage at Maritime Conference Center Coat Room Drop off Maritime Conference Center	
0830	Closing Day Keynote Speaker Rear Admiral, Ann C. Phillips, US Navy (Ret.) Administrator, Maritime Administration/MARAD <i>U.S. Department of Transportation</i>	
Oral Presentations	Session A5 Maritime Conference Center	Session B5 Maritime Conference Center
0900-1000	Maritime 5.0: Shaping the Future Maritime Workforce Chair: Senka Šekularac-Ivošević, University of Montenegro	Wellness and Absenteeism: Charting a New Course for Maritime Education Chair: Portia Ndlovu, Massachusetts Maritime Academy
0900-0920	Gholam Reza Emad, Mehrangiz Shahbakhsh Industry 5.0: The Critical Element in Shaping the Future of Maritime Workforce and MET Institutions	Marcella Castells-Sanabra, Claudia Barahona-Fuentes, Clara Borén, Rosa M. Fernandez-Canti, Anna Mujal-Colilles, Roger Castells-Martínez, Elisabet Mas de les Valls Absenteeism in Maritime Education: Insights, Challenges, and Innovative Solutions
0920-0940	Chia-Hsun Chang, Mehdi Belabyad, Christos Kontovas, Robyn Pyne, Wenming Shi, Na Li, Paul Szwed Evaluating skill requirements for maritime autonomous surface ships	Nestor A. Herpacio Jr., Julie V. Palma, Joni P. Gan Students' Mental Wellness: Basis For Designing a Wellness Intervention Program for Maritime Students

Friday, October 11

Time	Event and Location	
0940-1000	Senka Šekularac-Ivošević, Dragana Milošević, Špiro Ivošević Maritime Society 5.0: Embracing Newly Emerging Skills and Career Pathways	Katherine Luce, Elizabeth C. McNie Charting New Courses: Reimagining Information Literacy in Maritime Education and Training
1000-1020 Poster Sessions & Coffee Break	Maritime Conference Center Rooms 109, 110	
1020-1115	GMP BoK Workshop Moderator: Gamal Ghalwash, Arab Academy of Science Technology, and Maritime Transport	
1115-1200	Closing Ceremony Maritime Conference Center	
1215	Lunch Grab-n-Go Boxed Lunches Maritime Conference Center <i>Please grab a box lunch and head to the buses for the Tech Tour</i>	
1230	Buses depart for Boston	
1430-1530	Boston Harbor Historical Cruise Boston <i>Please dress in comfortable, closed-toes walking shoes.</i>	
1545	Buses will depart for Massachusetts Maritime Academy, Hampton Inn Boston and Buzzards Bay Hotels	

Saturday, October 12

Time	Event and Location
0830	Shuttle Pick up at Quality Inn, Eastern Inn and Inn on Onset Bay to Massachusetts Maritime Academy.
0900	Bus To Boston from Hampton Inn, Towneplace Suites and Massachusetts Maritime Academy to Logan International Hotel

Campus Map

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|-------------------------------|--------------------------------|-----------------------------------|------------------|
| 1. Admirals' Hall | 4. Fantail | 7. Pande Dining Hall | 10. Parking |
| 2. Maritime Conference Center | 5. Baystate Conference Room | 8. <i>SSV Ernestina-Morrissey</i> | 11. Shuttle Stop |
| 3. Parade Field | 6. American Bureau of Shipping | 9. TS Patriot State | |



Poster Presentations

All posters will be at the Maritime Conference Center

Policy	
Zander Parker, Tim Leach	Public Private Partnership Horizons in Maritime Education and Training
Economy	
T.Sasilatha, R. Karthickmanoj, J.Padmapriya, Col.Dr.G. Thiruvassagam	Unveiling the Potential of AI-Enhanced Resource Management for Sustainable Fisheries and Aquaculture in the Indian Ocean
Nomtha Hadi	Scenarios and the capacity needed in growing and promoting a sustainable ocean economy for South Africa towards 2060
Environmental	
Tanzer Satir, Neslihan Dogan-Saglamtimur, Altemur Gulec	Alternative Energy Sources for Cargo Ships: Turkish Shipping Sector
Clara Borén, Juan Carlos Murcia González, Josep Ribet, Anna Mujal-Colilles, Marcella Castells-Sanabra	Empirical in-port tugboats emissions assessment based on operational modes
Mykhaylo Miyusov, Igor Vorokhobin, Dmytro Zhukov	New challenges for Black sea region Ecology
Technology	
Davor Šakan, Srđan Žuškin, Igor Rudan	Spatial database creation applicable for global path planning in integrated navigation systems
Rino Bosnjak, Filip Bojic, Danko Kezic, Anita Gudelj	Analysis of impact of safety parameters on increased safety levels with autonomous ships
Darijo Mišković	Unmanned ships: appropriate solution or cause for concern?
Carmen Kooij	Designing a Remote Control Center: an operator's perspective
Dr T Sasilatha, J. Padmapriya, Col.Dr.G. Thiruvassagam	Navigating the Future: Multi-Stacking Ensemble Learning for Sustainable Maritime Trajectory Prediction

Anthony Rogone	Subsea Cables and their Seminal Importance in Communications
Mykhaylo Miyusov, Oleksandr Kryvyi, Dmytro Zhukov	Wind-assisted propulsion system operating mode optimization
Jasmin Čelić, Antonio Škrobonja, Sanjin Valčić, Boris Svilicic	On Cyber-Security of GMDSS
Mdumiseni Deliwe	Disruptive technologies in the maritime industry
Tianhao Zhou, Salman Nazir, Steve Mallam	Enhancing User Interface for Virtual Reality Maritime Simulators
Borislav Nikolov and Dimitar Nikolov	A Scenario-based approach to cybersecurity training for Seafarers
MET	
Marko Strabić, Vlado Frančić, Nermin Hasanspahić, Lovro Maglić	Acquisition of Knowledge of the ISM Code in MET
Olena Tyron, Oleksandr Yelieazarov	Tolerance in seafarers' life and how to train it
Srđan Vujičić, Damir Zec, Martina Hrnić, Tonči Biočić	Factors affecting the time-extended evacuation on cruise ships
Goran Vukelić, Goran Vizentin, Jörn Klein	Mitigation of Infectious Diseases Spread on Large Passenger Ships: Development of a Maritime Course Curriculum
Ergün Demirel	The Use of Artificial Intelligence Applications in Maritime Education and Training
Mary Mae Jun S. Palma-Esmaya, Eppie May F. Frial, Cecilia C. Salinas	Technology-Assisted Instruction: Its Impacts on the Academic Performance and Satisfaction of Maritime Students
Samrat Ghosh, Marcus Bowles	Implementing the Human Capability Standards (HCS) Framework for future seafarers: Challenges and Benefits
Samrat Ghosh, Marcus Bowles	Enhancing the future employability of seafarer graduates through recognition of human capabilities

Nermin Hasanspahić, Vlado Frančić, Tonći Biočić, Miho Kistić	Utilising the Bayesian network model in near-miss reporting at sea
Kamil Formela, Krzysztof Wróbel, Paweł Kofakowski, Mateusz Gil	How much time is needed for a control takeover? A study among onboard management
Vicente Juan D. Torio	Ship Security Awareness Training: The Experiences of MAAP Cadets During Shipboard Training
Gregory Sholdt, Matthew Rooks	Developing a Short-Term Study Tour Program: Maximizing Benefits for Host University Students
Nives Vidak	Acquisition of business communication skills among students of maritime studies
Boyan Mednikarov, Kalin Kalinov, Valery Stoyanov, Siyana Lutzkanova	Current trends in the maritime education-transition and transformation from traditions to modern times
Guladi Tkhilashvili, Tamari Dolidze, Sopiko Dumbadze, Leila Khardina and Nino Putkaradze	Reviewing Gender Related Experiences in Maritime Education in some of the Black Sea Neighbourhood Countries (Georgia, Turkey, Bulgaria and Ukraine)
Ivan Baryllyk-Kurakov, Oksana Baryllyk-Kurakova, Irina Korobova, Iryna Bohomolova, Alona Yurzhenko	The use of interactive blended learning model of Physics courses for future maritime professionals on LMS MOODLE
Ramona Tromiadis ¹ , Radu Hanza-Pazara, Anastasia-Elena Duse, Anca Sirbu	Providing for the Future of Our Mariners: Anchoring Soft Skills in Maritime Higher Education
Agustín Martín Mallofré, German de Melo Rodriguez, Izabela Bodus-Olkowska, Tomaz Gregorič, Kacper Dziedzic, Natasza Blek, Vanessa Makar, Natalia Wawrzyniak, Janne Lahtinen, Mariusz Dramski	Design and functionalities of Decision Support System regarding the risk of Epidemic threats on a sea-going Vessel
Zorica Đurović, Tatijana Dlabáč, Nemanja Pudar	Word list of research in decarbonization in the maritime industry – a case study on lexical analysis of technical corpora

Reza Karimpour, Yves Bui	Integration of LNG Simulators and Dual-Fuel Technologies in Decarbonization Training – A Case Study of the Italian Shipping Academy
William Gyldensten, Charlott Sellberg, A. Camilla Wiig	Instructional feedback during maritime desktop simulation
Nomtha Hadi	Empowering women and girls for an equitable maritime industry: An explorative paper on sustainable maritime development in South Africa
Cassia Bomer Galvao	The Next Generation of Maritime Workforce and the Challenges to Maritime Education
Piotr Kopacz	Can Permanent Orienteering Courses in the woods help students of marine navigation develop their skills necessary for safe watchkeeping on the ship's bridge at sea?
Tony Lewis	Long COVID: How Norwegian Cruise Line Holdings Struggled to Ride a Post-Pandemic Wave
Ruolan Zhang, Sean Loughney, Krzysztof Wróbel, Ziaul Haque Munim	From Simulation to Reality: Practical Challenges of Maritime Autonomous Surface Ships and the Exploration of AI-enhanced Decision-making Architecture
Hoang Nguyen Vuong, Jeric Bacasdoon, Johan Bolmsten	Educating Global Maritime Professional: An Action Research to Implement Courses Regarding Effective Communication
Molapo Tsotsotso	The emergence of privately owned Port and Terminals in Africa: Their Effectiveness and Shortcomings
Tatsuro Ishida, Takashi Miwa	Use of HAZOP for Existing Training Ship Safety Operation
Helena Ukić Boljat, Merica Slišković, Anita Gudelj	Difficulties in Collecting and Analyzing Data to Monitor Ship Movements in Recreational Boating
Tianhao Zhou, Salman Nazir, Steve Mallam	Enhancing User Interface for Virtual Reality Maritime Simulators
Yana Gancheva, Kamelia Narleva	Social Entrepreneurship – a Challenge for the Maritime Business in the Republic of Bulgaria

Notes



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財団 FOUNDATION**