

Constanta Maritime University

2, Cuartului Str. Constanta, Nautical Base

International Conference on Maritime Transport and Logistics Trends

4-5 June 2026

4 June 2026

REGISTRATION | Building A, 2nd Floor | 09.00 – 10.00

PLENARY PRESENTATIONS | Room A201 | 10.00 – 10.50

Time	PLENARY PRESENTATIONS Thursday, 4 June 2026 Room A201 10.00 – 10.50
10.00 – 10.05	Welcome message, <i>Assoc. Prof. Dr. Gabriel Raicu, Conference Chair, Rector of Constanta Maritime University (CMU)</i>
10.05 – 10.10	<i>Assoc. Prof. Dr. Veselina Spasova, EU Project Coordinator at Nikola Vaptsarov Naval Academy (NVNA), Varna, Bulgaria</i>
10.10 – 10.15	<i>Assoc. Prof. Dr. Habil Ionut Cristian Scurtu, Vice-Dean for Research, Navigation Faculty, Romanian Naval Academy “Mircea cel Bătrân” (ANMB)</i>
10.15 – 10.20	<i>Assoc. Prof. Dr. Viorica Popescu, Dean of Applied Sciences and Engineering Faculty, Ovidius University of Constanța (OUC)</i>
	Keynote Address
10.20 – 10.35	<i>Fabian Lambert, Assist. Head of the School of Maritime Studies at the Fisheries and Marine Institute of Memorial University of Newfoundland, Canada. “Charting New Courses in Maritime Education: Innovative eLearning solutions for Canadian Seafarer Advancement”</i>
10.35 – 10.50	<i>Prof. h.c. Dr. Capt. Taner Albayrak, Piri Reis University, Turkey. “Innovative Approaches and Cooperation for Sustainable Development”</i>

Conference Program

International Conference on Maritime Transport and Logistics Trends MariLog

COFFEE BREAK
11.15

| **Building A, 2nd Floor** | 10.50 –

PARALLEL SESSIONS

| **Building A, 2nd Floor** | 11.15 – 13.00

PARALLEL SESSIONS	
Thursday, 4 June 2026 11.15 – 13.00	
SESSION 1 Room A201	SESSION 2 Room A203 + Online Link
Oral presentations Maritime Transport and Logistics Trends	Online presentations Maritime Transport and Logistics Trends
Session Chair: Prof. h.c. Dr. Capt. Taner Albayrak, Piri Reis University Co-chair: Assoc. Prof. Dr. Nicoleta Acomi	Session Chair: Assoc. Prof. Dr. Anastasia Duse C-chair: Assoc. Prof. Dr. Habil Liviu Stan

DAY 1/ SESSION 1
13.00

| **Room A201**

| 11.15 –

Session Chair: Prof. h.c. Dr. Capt. Taner Albayrak, Piri Reis University

ORAL + POSTER PRESENTATIONS		
Thursday, 4 June 2026 Room A201		
0	11.15 – 11.20	Welcome and Opening Remarks <i>Session Chair: Prof. h.c. Dr. Capt. Taner Albayrak</i> <i>Co-chair: Assoc. Prof. Dr. Nicoleta Acomi</i>
1	11.20 – 11.30	Supply Chain Management in the AI Technologies Era, <i>Dragomir Cristina*, Popa Liliana</i> <i>Management in transports department, Constanta Maritime University, Constanta, Romania</i>
2	11.30 – 11.40	High-Fidelity Simulation and Power Management Optimization of Parallel Diesel Generators for Electric Tugboats, <i>Andrei Preda1* and Nicoleta Acomi2</i> <i>1Department of Mechanics, Constanta Maritime University, Romania</i> <i>2Department of Navigation, Constanta Maritime University, Romania</i>
3	11.40 – 11.50	Intelligent Control by Exhaust Recycling for Marine Two Stroke Engines, <i>Liviu-Constantin Stan, Leonard-Daniel Costea</i> <i>Faculty of Naval Electro-Mechanics, Constanta Maritime University, Romania</i>

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4	11.50 – 12 00	Transas NTPro5000 Simulator for Ship Behaviour in Variable Conditions, <i>Cosmin Berescu*</i> , <i>Anastasia Duse</i> <i>Department of Navigation, Constanta Maritime University, Romania</i>
5	12.00 – 12.10	Comparative Analysis of Thermodynamic Parameters and Energy Efficiency in a Naval Engine Powered Dual with VLSFO and MGO, <i>Edy-Constantin Zaharia, Liviu-Constantin Stan</i> <i>Faculty of Marine Engineering, Constanta Maritime University, Romania</i>
6	12.10 – 12.20	A Unified Engineering Paradigm for Rapid Energy Efficiency Assessment: The Linear Transit Vector Theory (LTVT), <i>Ionut Cristian Scurtu</i> <i>Mircea cel Batran Naval Academy, Constanta, Romania</i>
7	12.20 – 12.30	Dynamics of Marine Oil Spills, <i>Florentina-Aurelia Vasilica1*</i> , <i>Ionut Voicu2</i> , <i>Mariana Panaitescu2</i> , <i>Viorel-Fanel Panaitescu2</i> , <i>Mihail-Vlad Vasilescu2</i> <i>1 Doctoral School of Power Engineering, National University of Science and Technology, POLITEHNICA, Bucharest, Romania</i> <i>2 Department of Engineering Sciences in Mechanics and Environment, Constanta Maritime University, Romania</i>
8	12.30 – 12 40	From awareness to action: The SUDEMAR project for teaching the SDGs, <i>Pınar Özdemir1*and Taner Albayrak2</i> <i>1Department of Engineering, Piri Reis University, Istanbul, Turkiye</i> <i>2 Department of Economics and Administrative Sciences, Piri Reis University, İstanbul, Turkiye</i>
9	12.40 – 12 50	Navigating Towards Zero Emissions: Decarbonization Pathways in Maritime Transport, <i>Andrei Răzvan Tudor, Bogdan Mihai Vârlan, Cătălin Faităr</i> <i>Department of Mechanical and Environmental Engineering, Constanta Maritime University, Romania</i>
10	12.50 – 13.00	Experimental research on the flow on a curvilinear slope with applicability to sea waves, <i>Fanel-Viorel Panaitescu1</i> , <i>Mariana Panaitescu1*</i> , <i>Mihail-Vlad Vasilescu2</i> , <i>Ionut Voicu1</i> <i>1Department of Engineering Sciences in Mechanics and Environment, Constanta Maritime University, Romania</i> <i>2Department of Doctoral School, Constanta Maritime University, Romania</i>

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DAY 1/ SESSION 2 | Room A203 +Online | 11.15 – 13.00
 Session Chair: Assoc. Prof. Dr. Anastasia Duse

ONLINE PRESENTATIONS Thursday, 4 June 2026 203+Link		
0	11.15 – 11.20	Welcome and Opening Remarks <i>Session Chair: Assoc. Prof. Dr. Anastasia Duse</i> <i>Co-chair: Assoc. Prof. Dr. Habil Liviu Stan</i>
1	11.20 – 11.30	Behavioural Organisation of Vessel Movements in Multi-Layer Corridors, <i>Qodri Dian Eka Saputra^{1*}, Yuda Apri Hermawan² and Dhimas Widhi Handani³</i> <i>1,2 Department of Naval Architecture,</i> <i>3Departement of Marine Engineering, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia</i>
2	11.30 – 11.40	Geopolitical Analysis of Energy Security in the Black Sea region – Challenges and Perspectives, <i>Nicolae Daniel Fiță*, Alexandru Andrei Radu, Adrian Mihai Șchiopu, Florin Mureșan-Grecu¹, Emanuel Alin Cruceru¹ and Marius Gheorghe Manafu¹</i> <i>Strategic Studies of Energy Security Research Center, University of Petroșani, Romania</i>
3	11.40 – 11.50	Economical and Emissions Analysis of MAN 5S65ME-C Engine under Diesel and Dual-Fuel Operation, <i>Liviu-Constantin Stan, Anton Yezhov, Memet Feiza</i> <i>Faculty of Naval Electro-Mechanics, Constanta Maritime University, Romania</i>
4	11.50 – 12 00	Design of Storage Layout Using a Hybrid Racking System Based on the FSN Method in the After Repair and SPO Areas at PT. Buma Rebuild Center, <i>Tito Bisma May Willis^{1*}, Aditya Kurniawan², Ade Aisyah Arifna Putri³</i> <i>1,2 Logistics Engineering, Institut Teknologi Kalimantan, Indonesia</i> <i>3 Industrial Engineering, Universitas Sebelas Maret, Indonesia</i>
5	12.00 – 12.10	Integrated Simulator-Based Training Infrastructure for Maritime, Port, and Intermodal Operations: Italian Shipping Academy, <i>Reza Karimpour¹, Luca Apicella²</i> <i>1PhD, Representative and Lecturer, Italian Shipping Academy (FAIMM), 2R&D Manager, Italian Shipping Academy (FAIMM)</i>
6	12.10 – 12.20	Quantifying Cascading Delay in Port Operations under ETA Uncertainty, <i>Roxana-Elena Cuțui (Iancu)</i>

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		<i>Doctoral School of Transport, National University of Science and Technology Politehnica, Bucharest, Romania; Department of Navigation, Constanta Maritime University, Romania.</i>
7	12.20 – 12.30	The Mediterranean Cruise Region: Current State and Development Prospects, <i>Yevheniia Kryzhanovska</i> <i>Department of Operation and Management of Maritime Transport, Nikola Vaptsarov Naval Academy, Varna, Bulgaria</i>
8	12.30 – 12.40	Digitalization of Navigation Services in Indonesia: Linking Service and Experience, <i>Hendrawan¹, Imam Fahcruddin^{2*}, Tri Cahyadi³, Vidya Selasdini⁴</i> <i>1 Department of Marketing, Innovation and Technology, Sekolah Tinggi Ilmu Pelayaran, Indonesia</i> <i>2 Department of Technica, Sekolah Tinggi Ilmu Pelayaran, Indonesia</i> <i>3 Department of Safety and Risk Engineering, Sekolah Tinggi Ilmu Pelayaran, Indonesia</i> <i>4 Department of Port and Shipping Management, Sekolah Tinggi Ilmu Pelayaran, Indonesia</i>
9	12.40 – 12.50	Navigating Sustainability: Sustainability Constraints and Opportunities for Small and Medium-Sized Ports in the Baltic Sea, <i>Mari-Liis Tombak*, Deniece Aiken</i> <i>TalTech Estonian Maritime Academy, Kopli 101, Tallinn, Estonia</i>
10	12.50 – 13.00	Barriers and Enablers of Green Logistics in Indian Ports, <i>Krushna Mohan Pattanaik*, Mrinal Kumar Dasgupta, Toorban Mitra</i> <i>1School of Maritime Management, Indian Maritime University, India</i>

GROUP PHOTO | In front of the Building A | 13.00

NETWORKING LUNCH | Terrace by the lake | 13.15 – 14.00

PARALLEL SESSIONS | Building A, 2nd Floor | 14.00 – 16.00

PARALLEL SESSIONS	
Thursday, 4 June 2026 14.00 – 16.00	
SESSION 3 Room A203 + Poster & Online	SESSION 4 Room Ground Floor
Online presentations Maritime Transport and Logistics Trends	Roundtable Securing the Maritime Domain in the Digital Age: Cyber Resilience, AI

Conference Program

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	Risks, AIS/GNSS Spoofing and Strategic Chokepoints
<p>Session Chair: Assoc. Prof. Dr. Anastasia Duse Co-chair: Assoc. Prof. Dr. Habil Liviu Stan</p>	<p>Moderator: Dr. Nicu Iancu, Maritime Cybersecurity Centre of Excellence</p>

DAY 1/ SESSION 3 | Room A201 + Online | 14.00 – 16.00
Session Chair: Assoc. Prof. Dr. Anastasia Duse

POSTER and ONLINE PRESENTATIONS Thursday, 4 June 2026 Room A201 + Online		
0	14.00 – 14.05	<p>Welcome and Opening Remarks <i>Session Chair: Assoc. Prof. Dr. Anastasia Duse</i> <i>Co-chair: Assoc. Prof. Dr. Habil Liviu Stan</i></p>
1	14.05 – 14.15	<p>Optimizing Maritime Supply Chains using Artificial Intelligence and Big Data, <i>Dumitru-Catalin Vasile</i> <i>National School of Political Science and Public Administration, Bucharest, Romania</i></p>
2	14.15 – 14.25	<p>Study of the combustion of alternative fuels for spark-ignition engines (S.I.E.), <i>Traian DORDEA, Camil TUDOR, Adrian Mircea BELDUGAN, Sorin Lucian IONASCU, Lucian STĂNIA</i> <i>Automotive Engineering Specialization, Faculty of Mechanical, Industrial and Maritime Engineering, Ovidius University of Constanța, Constanța, Romania</i></p>
3	14.25 – 14.35	<p>Sustainable Design Approaches in Maritime Engineering Systems, <i>Simona-Ana Sîrbu</i> <i>National University of Science and Technology POLITEHNICA Bucharest, Romania</i></p>
4	14.35 – 14.45	<p>Functional Diagnosis and Analysis of the MAP Sensor in Turbocharged Compression-Ignition Engines, <i>Mandache Bogdan-Cristian, Traian Dordea, Ianculescu Gabriela</i> <i>Automotive Engineering Specialization, Faculty of Mechanical, Industrial and Maritime, Engineering, Ovidius University of Constanța, Constanța, Romania</i></p>
5	14.45 – 14.55	<p>Enhancing logistical sustainability: the role of multimodal networks in minimizing external costs,</p>

		<p><i>Viorela Georgiana Stinga*</i>, <i>Ana Cornelia Olteanu</i>, <i>Cristian Dragan</i> <i>Department of Economic Engineering in Transport, Constanta Maritime University, Romania</i></p>
6	14.55 – 15.05	<p>The Impact of Green Ports on Developing Sustainable Logistics, <i>Grațîela Brânză</i>, <i>Viorela-Georgiana Stîngă</i> <i>Constanta Maritime University, Romania</i></p>
7	15.05 – 15.15	<p>Dual-Use Quantum Technologies in Cybersecurity: Challenges and Resilience in Defence Systems, <i>Cătălin-Eugen Bucur</i>¹, <i>Georgiana Crihan</i>², <i>Elena-Grațîela Robe-Voinea</i>³, <i>Oana Marcu</i>³, <i>Lucian-Gabriel Iosif</i>^{3*}, <i>Georgiana Ștefănescu (Andrei)</i>⁴ <i>1 National University of Science and Technology Politehnica Bucharest, Bucharest, Romania</i> <i>2 Romanian Naval Forces, Constanta, Romania</i> <i>3 Romanian Naval Academy “Mircea cel Bătrân”, Constanta, Romania</i> <i>4 Military Technical Academy Ferdinand I, George Coșbuc, Bucharest, Romania</i></p>

DAY 1/ SESSION 4 | Room Ground Floor | 14.00 – 16.00
Moderator: Dr. Nicolae Iancu, Vice-President of the Maritime Cybersecurity Centre of Excellence

ROUNDTABLE Thursday, 4 June 2026 Room Ground Floor 14.00 – 16.00	
<p>Securing the Maritime Domain in the Digital Age: Cyber Resilience, AI Risks, AIS/GNSS Spoofing and Strategic Chokepoints</p> <p><i>Moderator Dr. Nicolae Iancu, Vice-President of the Maritime Cybersecurity Centre of Excellence</i></p> <p>With participation of special guests, <i>Assoc. Prof Dr. Gabriel Raicu, Rector of Constanta Maritime University</i> <i>Prof. h.c. Dr. Capt. Taner Albayrak, Piri Reis University, Turkey</i> <i>Mr. Fabian Lambert, School of Maritime Studies at the Fisheries and Marine Institute of Memorial University of Newfoundland, Canada</i> <i>Dr. Radu Hanzu, Constanta Maritime University</i> <i>Dr. Nicoleta Acomi, Constanta Maritime University</i> <i>Dr. Gheorghe Surugiu, Constanta Maritime University</i> <i>Dr. Vasile V. Draghici, Maritime Cybersecurity Center of Excellence</i> <i>Mr. Andrei Gabriel Popescu, MAI (Ministry of Internal Affairs)</i> <i>Ms. Cristina Stancu, DNV (Det Norske Veritas)</i> <i>Mr. Laurentiu Pricop, Maritime Cybersecurity Center of Excellence</i></p>	

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SCOPE: Round table on maritime security in the digital age, addressing maritime cybersecurity, AI-related risks, AIS/GNSS spoofing, and the resilience of strategic maritime chokepoints. The discussion will gather maritime, cyber, policy, navigation, and resilience experts to identify practical priorities for training, research and cooperation.

NETWORKING DINNER
21.30

| Terrace by the lake

| 19.00 –

Constanta Maritime University

2, Cuartului Str. Constanta, Nautical Base

International Conference on Maritime Transport and Logistics Trends
4-5 June 2026

5 June 2026

REGISTRATION | Building A, 2nd Floor | 09.00 – 10.00

PLENARY PRESENTATIONS | Room A201 | 10.00 – 10.50

Time	PLENARY PRESENTATIONS Friday, 5 June 2026 Room A201 10.00 – 10.50
10.00 – 10.10	Welcome message, <i>Assoc. Prof. Dr. Gabriel Raicu, Conference Chair, Rector of Constanta Maritime University</i>
	Keynote Address
10.10 – 10.20	<i>Cristiana Stancu, Surveyor, DNV Maritime, Fuel Transition</i>
10.20 – 10.30	<i>Assoc Prof Dr. Gabriel Raicu, AI Beyond the Maritime Horizon</i>
10.30 – 10.40	<i>Assoc Prof Dr. Anastasia Duse, Cyberattack simulation exercise</i>
10.40 – 10.50	<i>Niculae Iancu, Maritime Cybersecurity Centre of Excellence</i>

COFFEE BREAK | Building A, 2nd Floor | 10.50 – 11.15

PARALLEL SESSIONS | Building A, 2nd Floor | 11.15 – 13.00

PARALLEL SESSIONS Friday, 5 June 2026 11.15 – 13.00	
SESSION 1 Room A201	SESSION 2 Room A203

Advancing connectivity through logistics Panel of experts	Green Ports for Sustainable Maritime Future Panel of experts
Moderator: Assoc. Prof. Dr. Ghiorghe Batrinca	Moderator: Prof. Univ. Dr. Costel Stanca

DAY 2/ SESSION 1 | Room A201 | 11.15 – 13.00
Panel: Advancing connectivity through logistics
Moderator: Assoc. Prof. Dr. Ghiorghe Batrinca

PANEL OF EXPERTS
Friday, 5 June 2026 | Room 201 | 11.15 – 13.00

Advancing connectivity through logistics
Moderator Assoc. Prof. Dr. Ghiorghe Batrinca, Constanța Maritime University

With participation of panel experts:
Iuliana Badea, General secretary of the Freight Forwarders Association of Romania (USER)
Mihai-Cristian Gherghe, Head of Operations at Eastship Air & Sea
Ana-Maria Hohan Negru, Country Manager | Romania & Moldova | Air Cargo & Logistics Expert
Claudia Niculae, Sea Container Shipping & Logistics
Daniel Mărgărit, Trainer and Mechanical Engineer
Claudiu Marcu, Managing Director, Beyond Insurance

SCOPE: *To provide young professionals with practical insights into the evolving logistics and transport sector, highlighting the role of multimodal connectivity, digitalisation, intermodal solutions, supply chain integration and operational resilience. To facilitate dialogue between academia and industry while exploring current challenges, career opportunities and future skills required for efficient, sustainable and globally connected logistics systems.*

DAY 2/ SESSION 2 | Room 203 | 11.15 – 13.00
Panel: Green Ports for Sustainable Maritime Future
Moderator: Prof. Univ. Dr. Costel Stanca

PANEL OF EXPERTS
Friday, 5 June 2026 | Room 203 | 11.15 – 13.00

Green Ports for Sustainable Maritime Future
Moderator Prof. Univ. Dr. Costel Stanca, Coordinator, Maritime Training and Innovation Centre of Excellence

With participation of panel experts:

Conference Program

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Prof. h.c. Dr. Capt. Taner Albayrak, EU Projects Coordinator, Piri Reis University
Cristiana Stancu, Surveyor, DNV Maritime
Adrian Gaureanu, Romanian Naval Authority

With participation of our guests:

Industry professionals
Crewing representatives
Academic staff

SCOPE: *To discuss the impact of ESG (Environmental, Social and Governance), CSRD (Corporate Sustainability Reporting Directive), MRV (Monitoring, Reporting and Verification), EU ETS and FuelEU Maritime requirements on the maritime sector and to identify practical priorities for workforce development, sustainability training, industry-academia collaboration and support for the green transition of maritime and port activities.*

GROUP PHOTO	 In front of the Building A	 13.00
NETWORKING LUNCH	 Terrace by the lake	 13.15 – 14.00
CLOSING CEREMONY	 Room A201	 14.00

Time	CLOSING SESSION Friday, 5 June 2026 Room A201 14.00 – 15.00
14.00 – 14.10	Closing Remarks, <i>Assoc. Prof. Dr. Gabriel Raicu, Conference Chair, Rector of Constanta Maritime University</i>
14.10 – 14.40	<i>Certificate and Award Presentation Ceremony Best Paper and Outstanding Contribution</i>
14.40	<i>Official Closing of MariLog Trends 2026</i>