



DANUBE INSTITUTE NATIONAL
UNIVERSITY "ODESSA MARITIME
ACADEMY"



AZOV-MARITIME INSTITUTE
NATIONAL UNIVERSITY "ODESSA
MARITIME ACADEMY"



BATUMI STATE
MARITIME ACADEMY

INTERNATIONAL STUDENTS VIRTUAL CONFERENCE

PROSPECTS FOR THE DEVELOPMENT
OF INNOVATED FLEET
AND MARINE SPECIALISTS TRAINING

March 30, 2021

AGENDA

09:30

Opening Plenary Session

<https://zoom.us/j/4674423522?pwd=YnZ6N0RhR05uWW9vSUJUUnlHSjVoZz09>

BSMA

Alexander Tsetskhladze – Associate Professor, Dean of Navigation Faculty.
Abdul Kakhidze – Associate Professor, Director of the Center for Research and Innovation of BSMA

**DI NU
OMA**

Chimshir Valentin - Doctor of technical sciences, professor National University «Odessa Maritime Academy», Director of the Danube Institute.
Iryna Smyrnova - Doctor of pedagogical sciences, professor, deputy director in sciences and pedagogy, the Danube Institute.
Oleksandr Danylenko - Doctor of pedagogical sciences, associate professor, the Head of the Department of Navigation and Ship Handling, the Danube Institute.
Igor Maslov - Candidate of technical sciences, associate professor, First grade Engineer, the Head of the Department of Ships' Power Plants and Systems, the Danube Institute.

**AMI NU
OMA**

Olexander Lysyi - Director of the Azov Maritime Institute of NU "OMA", PhD in Economics, Professor, Corresponding Member of TAU, Academician ICAU.

Session 1

Activities of International Maritime Organizations in Course of Seafarers Training.

Moderator: Zurab Bezhanovi

Time	Speaker	Report	Session Zoom link:
10:00 10:07	Alexander Bereznai	Physics – As Part of the General Culture of the Future Specialist in the Maritime Industry	https://zoom.us/j/4674423522?pwd=YnZ6N0RhR05uWW9vSUJUUnlHSjVoZz09
10:07 10:14	Daria Maslova	Female Cadets' Difficulties in Voyages"	
10:14 10:21	Nikita Perepechaiev	Safety of Navigation – Matter to Concern	

Session

Legal Regulation and Communication Support of the Transport Industry.

Moderator: Konstantine Bolkvadze

Time	Speaker	Report	Session Zoom link:
10:21 10:28	Gogi Tsivadze	Research of STCW new regulation A-II/6	https://zoom.us/j/4674423522?pwd=YnZ6N0RhR05uWW9vSUJUUnlHSjVoZz09
10:28 10:35	Danil Ivanchenko	IMO 2020 regulations influence on marine fuel prospects	

Session

General Topics and Actual Issues in the Maritime Sector

Moderator: Tishchenko Olena, Olena Soroka

Time	Speaker	Report	Session Zoom link:
10:35 10:42	Anri Khutsishvili Giorgi Iremadze	Faced with Unforeseen Jolt of the Fierce Virus	https://zoom.us/j/4674423522?pwd=YnZ6N0RhR05uW'W9vSUJlUUnHSjVoZz09
10:42 10:49	Maksim Kunskey	Steps of Ukrainian State in Protection of Maritime Industry Representatives from World Marine Piracy	
10:49 10:56	Ana Beridze	Subject , Topic, Container Shipments in the Current Post-Crisis Situation	
11:00 11:07	Kseniia Fomina	Financial Report of IMO: Strategic Plan for 2018-2023	
11:07 11:14	Viktoria Timofieieva	Determination of Optimal Number of Terminals in a Seaport	
11:14 11:21	Mykhailo Shumeiko	Testing of Fuel Catalyst «Fuel Well» Onboard	
11:21 11:28	Oksana Danilova	The Way to Find the Final Decision Inextreme Situation	
11:28 11:35	Vladyslav Hud	Investigation of the Algorithm for Constructing Smooth Spatial Curves with the Ability to Specify the Curvature and Torsion at the Nodal Points	

11:35 11:42	Volodymyr Shpachenko	A few Aspects of Probabilistic Damage Stability Method for Kind Types of Vessels
11:42 11:49	Konstantyn Shmalii	Control over the Quality of the Contacts Surfaces Lubrication in the CPG Parts of Ship Engines. Control Analysis
11:49 11:56	David Tristan	Emergency Aid in Case of Medication Overdose In The Conditions of the Open Sea.
12:00 12:07	Max Burlutsky	Approaches to the Marine Technical Vocabulary Comprehension: Interpretation of Polycomponentalasyndetics Ustantival Clusters.

Session 2

Environmental Safety and Pollution Protection in Course of Marine Transport Operation.

Moderator: Vasyl Zheliaskov, Pozdniakova Valentyna, Tetiana Zhytomyrska
Palagin Olexander, Natalya Bykovets, Tarasenko Tetyana

Time	Speaker	Report	Session Zoom link:
10:00 10:07	Iakob Tvaladze	“Environmental safety and pollution protection in course of operation of marine transport.”	https://zoom.us/j/97627177385
10:07 10:14	Nika Bolkvadze Temur Bolkvadze	Exhaust gas treatment plants for ships	
10:14 10:21	Nika Kezheradze Giorgi Imnadze	Clever usage and preservation of the seas, oceans and water resources by human beings	
10:28 10:35	Vladislav Marharynt	Plastic and microplastic — a modern problem of humanity and the oceans	
10:35 10:42	Nikita Podgorny	Maritime Transport as the Source of Pollution the Environment	
10:42 10:49	Danylov Oleksandr	Ship as Source of Environmental Pollution	
10:49 10:56	Sarkisyan Bohdan	Water Ballast Processing Methods	

Session

Use of E-navigation, Means of Information Technologies at Sea for the Economic Complex.

Moderator: Vasyl Zheliaskov, Pozdniakova Valentyna, Tetiana Zhytomyrska
Palagin Olexander, Natalya Bykovets, Tarasenko Tetyana

Time	Speaker	Report	Session Zoom link:
11:00 11:07	Kateryna Shevchenko	Shipping Industry Rehabilitation as a Priority	https://zoom.us/j/97627177385

		Direction of Ukrainian Economic Development
11:07 11:14	Tkachenko Denis	Evolution of Navigation Equipment on Ships
11:14 11:21	Oleksieienko Roman	It Technologies in the Maritime Industry
11:21 11:28	Russkikh Vladymyr	A-Suite Technologies in Navigation
11:28 11:35	Shmat Feliks	Optimization of Marine Freight Traffic by Using New Ship Models
11:35 11:42	Svynarchuk Volodymyr	Automation of Narrow Fairway Passages Using ANN
11:42 11:49	Voloshyn Maksym	Some Aspects of Cyber Security in Shipping
11:49 11:56	Zernov Andrii	Use of E-Navigation, Means of it Technologies at Sea for an Economic Complex

Session

Energy Efficiency Improving of Marine Facilities.

Moderator: Vasyl Zheliaskov, Pozdniakova Valentyna, Tetiana Zhytomyrska Palagin Olexander, Natalya Bykovets, Tarasenko Tetyana

Time	Speaker	Report	Session Zoom link:
12:00 12:07	Valeriy Nedialkov	Increasing Ship Efficiency as a Combination of Multiple Factors	https://zoom.us/j/97627177385
12:07 12:14	Danchenko Danyil	Alternative Types of Fuel	
12:21 12:28	Kaliuzhnyi Dmytro	Use of Solar Power at Sea	
12:28 12:35	Movchan Valentyn	Main Methods for Improving Energy Efficiency of Marine Vehicles and Environmental Protection	