



22nd Annual General Assembly

IAMU AGA22

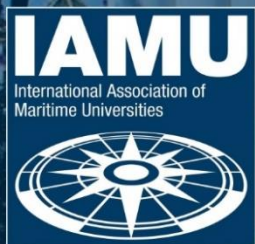
International Association of Maritime Universities

The 22nd Annual General Assembly

19th - 21st October 2022

BATUMI, GEORGIA

PROGRAM



BATUMI STATE
MARITIME ACADEMY



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 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 68 universities/academies/faculties of the world's maritime education and training institutions, and The Nippon Foundation as its members, total 69 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. Plenary Session, Presidents' Forum, Project presentation and IAMU conference (IAMUC) are 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 the member universities on the decision of the IEB.

Presidents' Forum

The Presidents' Forum is a meeting in which Presidents¹ 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 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 quality of the project.

IAMU Conference

IAMU Conference provides academic staff of member universities with an opportunity to present the outcomes of their academic/scientific researches to the IAMU community. The LEC together with the International Program Committee (IPC) jointly organize the IAMU Conference, including the selection of session topics and qualify 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 AGA 22

Annual General Assembly (AGA) is a platform for the exchange of experience, the development and approval of policies, and the creation and strengthening of good relations and cooperation among IAMU member universities.



The International Association of Maritime Universities (IAMUC) Conference, held annually within the framework

of the AGA, brings together maritime industry experts and official representatives of IAMU member universities from around the world to discuss the latest achievements and future trends in maritime education, training, research and other topics within the framework of IAMU. Batumi State Maritime Academy (BSMA) is honored to host the 22nd Annual General Assembly and IAMUC 22.



Introduction



Georgia is an ancient country at the crossroads of Eastern and Western civilizations, where the European and Asian ways of life and traditions merge for thousands of years. Amazing and diverse nature is the main significance of this country: mountains of eternal snows, mountain lakes, alpine meadows, river canyons full of flowers and fruits, palm trees, natural canyons, ancient caves, mineral waters and - thus, this place is truly a paradise on earth!

Batumi as the venue for AGA 22 will take its distinguished place in your memories.



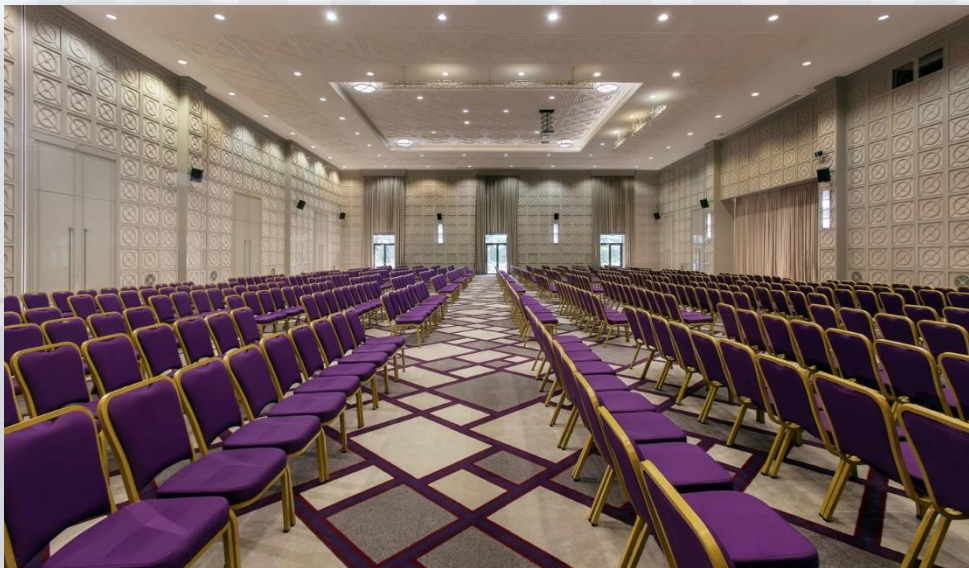
AGA 22 & IAMUC Program

IAMU Welcome Tuesday, October 18th Location: Sheraton Hotel

| Time | | Venue |
|----------------|-------------------|---|
| 18:00 21:00 | Pre-registration | Sheraton Hotel Lobby |
| 19:00 21:00 | Welcome Reception | Sheraton Batumi Hotel Jasmine Lounge Bar |

AGA22 Wednesday, October 19th Location: Sheraton Hotel

| Time | | Venue |
|----------------|--|-------------------------|
| 08:00 09:00 | Registration | Sheraton Lobby |
| 09:00 10:00 | Opening Sessions | Sheraton – Ball Room |
| 10:00 10:30 | Coffee Break MoU Signing Ceremony | Sheraton Lobby |
| 10:30 12:00 | President's Forum /Campus Tour | Sheraton – Begonia Room |
| 12:00 13:00 | Lunch | |
| 13:00 14:30 | AGA 22 Plenary Session Family Photo | Sheraton – Ball Room |
| 14:30 17:15 | Project Presentation | Sheraton – Ball Room |
| 17:15 17:30 | AGA 22 Closing Ceremony | Sheraton- Ball Room |
| 19:00 | | Dinner |



IAMU conference main theme:

Best Practice: MET and Research for Sustainable Development

- Prospective Technologies in Shipping and Offshore Industries
- Strengthening Life Long Learning in MET Through Innovative Methodologies Application
- Enhancing Maritime Safety and Security
- Save Our Seas – Environmental Protection Provision

AGENDA

| IAMU Conference Thursday, October 20 th Location: Sheraton Hotel | | |
|--|---|--|
| Opening Ceremony of IAMUC | | |
| 09:00 09:20 | Opening Remarks Capt. Murtaz Devadze – Rector of Batumi State Maritime Academy Conference Summary Boris Svilicic - Chief Program Editor Nina Kurshubadze – Program Editor | |
| Time | Room # Lilium& Rose | Room # Orchid &Mimosa |
| | Session: Environmental Aspect Chair: Prof. Givi Tsitskishvili | Session: Social Aspect I Chair: Prof. Angelica Baylon |
| 09:20 10:20 | 09:20 - Mustafa Nuran, Gamze Arabelen and Nergis Özispa <i>“Cost Effect of EU’s Carbon Levy by Container Ship Capacities”</i> | 09:20 - Dr. Nicolas Nause, Russell H. Greenwood <i>“Leveraging a visible learning process in higher distance education: a case study in International Maritime Management, M.Sc.”</i> |
| | 09:40 - Valentyna Kudryavtseva, Svitlana Barsuk and Olena Frolova <i>“Enhancing Green Skills in Maritime English Course”</i> | 09:40 - Kamil Formela, Krzysztof Wróbel and Mateusz Gil <i>“Preliminary results of the identification of entrants’ approach towards maritime career”</i> |
| | 10:00 - Ece Ceylani, İ. Çağrı Kolçak and Elif Bal Beşikçi <i>“Creating an Industrial Symbiosis with Ship-Generated Waste”</i> | 10:00 - Ece Ceylani, İ. Çağrı Kolçak and M. Selçuk Solmaz <i>“A Ranking of Critical Competencies for Future Seafarers in the Scope of Digital Transformation”</i> |
| 10:20 10:50 | Coffee Break / Poster Presentations | |
| 10:50 12:30 | 10:50 - Col. Dr.G.Thiruvasagam and Dr.T.Sasilatha, J.Padmapriya <i>“Integration of Renewable Energy Sources and Smart Technologies in On-board Ships”</i> | 10:50 - Dr. R.Vettriselvan and Dr.V.Leela Vinodhan (ONLINE) <i>“Promotional Strategies for Gender Equity in Maritime Sector: Maritime Education Institutions”</i> |
| | 11:10 - Anna Shotadze and Mzia Diasamidze <i>“Study of Water Treatment Technologies”</i> | 11:10 - Jana Kegalj and Damir Zec <i>“Knowledge representation in MET”</i> |
| | 11:30-12:30 Session Discussion | 11:30 - Ahmet Lutfi Tunçel and Ozcan Arslan <i>“Determination of critical risk factors that prevent in-ship communication during ship operational processes”</i> |
| | 11:50-12:30 Session Discussion | |
| 12:30 13:30 | LUNCH | |
| Time | Room# Lilium& Rose | Room# Orchid &Mimosa |
| | Session: Economic Aspect Chair: Prof. Minna Keinänen-Toivola | Session: Social Aspect II Chair: Prof. Angelica Baylon |

| | | |
|----------------|--|--|
| 13:30 15:10 | 13:30 - Qi Chen, Amanda Pang and Daniel Pang <i>“South China Sea Contentions and Economic Sustainability of the Shipping Industry”</i> | 13:30 - Siyana Lutzkanova, Boyan Mednikarov and Marina Chesnokova <i>“Enhancing “soft skills” management for maritime and shipping business personnel using interactive educational methods”</i> |
| | 13:50 - Dimitar Kanev, Todor Stoilov and Krasimira Stoilova <i>“Efficient Management of Portfolio Resources”</i> | 13:50 - Nino Kurshubadze, Tamar Dolidze and Natia Vasadze, <i>“The Importance of ESP (Maritime English) in the Maritime Industry for Safety Maintenance On-board and Ashore”</i> |
| | 14:10 - Joshua Shackman, Marvin Wen Li and Christopher Eastman <i>“The Predictive Ability of Ocean Freight Rates: Evidence from Japan and South Korea”</i> | 14:10 - Karina Melikjanyan <i>“THE IMPACT OF THE RUSSIA-UKRAINE WAR ON THE DEVELOPMENT OF CRUISE TOURISM IN THE BLACK SEA REGION”</i> |
| | 14:30 - Captain Altaf Ur Rehman and Dr. Faisal Al Thobiani <i>“Maritime Labour Market Dynamics (MLMD) and Futuristic Approach in Developing Skilled Global Maritime Labour (SGML)”</i> | 14:30 - Guladi Tkhilaishvili and Manuchar Loria <i>“From Enterprise Resource Planning (ERP) to Universities Resource Planning (URP)”</i> |
| | | 14:50 - Prof. Dr. Mykhaylo Miyusov, Rector and Capt. Dmytro Zhukov <i>“MET in Ukraine in time and after of Russian invasion”</i> |
| 15:10 15:30 | Coffee Break / Poster Presentations | |
| 15:30 16:30 | Session Discussion | Session Discussion |
| 19:00 | Dinner | |

Friday, October 21st Location: Sheraton Hotel


| Time | Room # Lilium& Rose | Room # Orchid &Mimosa |
|----------------|---|---|
| | Session: Technological Aspect <i>Chair: prof. Rom Rabe</i> | Session: Social Aspect III <i>Chair: Prof. Angelica Baylon</i> |
| 09:00 10:00 | 09:00 - Gamini Lokuketagoda and Takashi Miwa <i>“Simulator Training beyond the boundaries of Engine Room Watch-keeping”</i> | 09:00 - Aditi Kataria and Gholam Reza Emad <i>“Re-envisioning Maritime Education and Training – Technology facilitated lifelong learning for future ship operators”</i> |
| | 09:20 - Avtandil Gegenava, Abdul Kakhidze, Tinatin Gegenava, Teimuraz Chokharadze and Joni Babilodze <i>“Analysis of Hydrometeorological Conditions in the Main Georgian Poti Port, its Impact on the Cargo Turnover and Ways of Solutions”</i> | 09:20 - Saratkumar C. Narayanan and Gholam Reza Emad <i>“The (ir)Relevance of Current Maritime Education and Training in the Transitioning Workplace: An Activity Theory perspective”</i> |
| | 09:40 - Antonios Andreadakis, Dimitrios Dalaklis, Nikitas Nikitakos and Avtandil Gegenava <i>“Automated Lifeboat Manifestation Embarkation System (ALMES): Facilitating Evacuation/Manifestation on Passenger and Cruise Vessels”</i> | 09:40 - Besik Chkhikvadze and Momoko Kitada <i>“Mitigating maritime unemployment in Georgia: A Maritime Education and Training perspective”</i> |
| 10:00 10:30 | Coffee Break / Poster Presentations | |
| Time | Room # Lilium& Rose | Room # Orchid &Mimosa |
| | Session: Technological Aspect | Session: Policy Aspect <i>Chair: Prof. Zhao Jian</i> |

| | <i>Chair: Prof. Rom Rabe</i> | <i>Co-Chair: Prof. Zurab Bezhanovi</i> |
|------------------------|--|---|
| | 10:30 - Zhen Tian, Xianzhi Zou, Haiyan Yu, Yuan Zhang and Wenzhong Gao <i>“Feasibility study on carbon capture system of LNG-fueled ship-based on comprehensive utilization of heat and cold energy “</i> | 10:30 - Kristine Zarbazoia, Zurab Bezhanovi, Medea Abashidze, Tamila Mikeladze and Svetlana Rodinadze <i>“The role of simulator and co-teaching for developing student’s thinking and speaking interactive skills”</i> |
| 10:30 11:30 | 10:50 - Adi Mas Nizar, Takashi Miwa and Makoto Uchida <i>“Head-worn Display Utilization in Engine Supervisory Work”</i> | 10:50 - Jiang Bin, Han Jialin and Cheng Xi (ONLINE) <i>“Analysis and Consideration of the Navigation Support Capability of Arctic Shipping Route in China”</i> |
| | 11:10 - Dr. T.Sasilatha, Col. Dr. G.Thiruvasagam, Dr. D.Lakshmi, R.K. Padmashini and J.K.Vaijayanthimala <i>“A Study of H-Bridge Multilevel Inverter Driven Marine Propulsion System”</i> | 11:10 - Zurab Bezhanovi, Tamila Mikeladze, Svetlana Rodinadze, Kristine Zarbazoia and Medea Abashidze <i>“Identification and reduction of seafarers’ cognitive and behavioral fatigue impacts for effective MET policy development”</i> |
| 11:30 12:30 | Session Discussion | Session Discussion |
| 12:30 13:30 | LUNCH | |
| Time | Room# Lilium& Rose | |
| 13:30 15:10 | Session: Policy Aspect <i>Chair: Prof. Zhao Jian</i> <i>Co-Chair: Prof. Zurab Bezhanovi</i> 13:30 - Paul Szwed and Graham Benton (ONLINE) <i>“Helping Accelerate the Global Maritime Professional Body of Knowledge up the S-Curve of Innovation”</i> 13:50 - Claudia Barahona-Fuentes, Momoko Kitada and Marcella Castells-Sanabra <i>“Empowering teachers in Maritime Education and Training (MET) through gender-equality training: A bottom-up approach for the implementation of current legislation”</i> 14:10 - Paul S. Szwed and Michael E. Manuel (ONLINE) <i>“Proposing a Validation Tool for IMO Model Courses to Evaluate Alignment of Outcomes, Activities, and Assessment”</i> 14:30 - Dr. Malini Shankar and Dr. Balaji Rajoo (ONLINE) “IMO Session in Classroom: A Case in Experiential Learning” 14:50 - Cengiz Vefa Ekici, Ulku Ozturk and Ozcan Arslan <i>“A Comparative Study of Ship Risk Profile According to Port State Control Regime: A Case Study of Turkish Straits”</i> | |
| 15:10 15:30 | Coffee Break / Poster Presentations | |
| 15:30 16:30 | Session Discussion | |
| 16:30 17:00 | Closing Ceremony of IAMUC Closing Remarks Capt. Murtaz Devadze – Rector of Batumi State Maritime Academy Conference Summary and Conclusions Boris Svilicic - Chief Program Editor Nina Kurshubadze - Program Editor | |
| 19:00 | Gala Dinner | |

► For Further information visit the conference website via the following link: <https://aga22-batumi.com/>

Technical Tour

Saturday October 22nd

| <i>Time</i> | <i>Tour</i> | <i>Overview</i> | <i>Tour Duration</i> | <i>Additional information</i> |
|-------------|------------------|--|----------------------|--|
| 11:00 | City Tour | Batumi City Tour will discover you the highlights of the Black sea coast capital on a guided tour. | 1 hour |  |
| 12:00 | Botanical Garden | Botanical garden consists of nine floristic sectors, those of Caucasian humid subtropics, East Asia, New Zealand, South America, the Himalayas, Mexico, Australia, and of the Mediterranean. The garden collection comprises 2037 taxonomic units of ligneous plants, including 104 of Caucasian origin. | 3 hours | |
| 15:00 | | | Lunch | |

Batumi is a major international port on the southeastern coast of the Black Sea. There is a natural lake in Batumi, which is part of Batumi Park. Subtropical vegetation is widely spread in the city and its surroundings. Artificially cultivated parks, tea and citrus plantations are common. There are Colchis natural fortress and brushwood in some places.



You should start visiting Batumi by exploring its streets and the architecture of the XIX-XX centuries. You can visit all the main religious buildings (Orthodoxy, Catholicism, Islam, Judaism).

This sunny, seaside city is unimaginable without a boulevard, fountains, modern architecture, yachts and the landscape of sunset. And the last, the greenery of Batumi Botanical Garden, with its diverse vegetation and beautiful sceneries, will definitely give you tranquility and admiration. It has one of the most diverse flora species in the world.

Social Events

Welcome Reception

Date: 18 October | 19:00

Location: Sheraton Batumi Hotel

Dress code: Casual

Dinner at SANREMO

Date: 19 October | 19:00

Location: Restaurant Sanremo

Dress code: Casual

Dinner at Adjarian Wine House

Date: 20 October | 19:00

Location: Restaurant Adjarian Wine House

Dress code: Casual

Gala Dinner at Chateau Kvirike

Date: 21 October | 19:00

Location: Chateau Kvirike

Dress code: Casual

Accompanying Person's Program

Wednesday, October 19th 2022

| Time | Tour | Tour Duration | Additional information |
|-------|--------------------------------|---------------|--|
| 11:00 | Gonio Fortress | 2 Hour | Assembly point: Sheraton Hotel Transfer by: |
| 13:00 | Ethnographic Museum "Borjgalo" | 1 Hour | After the castle of Gonio, the tour will continue at the Ethnographic Museum. |
| 14:00 | Adjarian Wine House (vineyard) | 1 Hour | After the ethnographic museum, the tour will continue to the " Adjarian Wine House for the tasting of the traditional Adjarian wine and culinary master classes. |

Thursday, October 20th 2022

| Time | Tour | Tour Duration | Additional information |
|-------|---------------|---------------|------------------------------|
| 11:00 | Shopping tour | Whole Day | Transfer and Escort included |

Friday, October 21st

| Time | Tour | Tour Duration | Additional information |
|-------|-------------------|---------------|--|
| 10:00 | Kutaisi Tour | Whole day | Tour of the ancient and famous places of Kutaisi. Accompany persons will get aware with the ancient temples of Georgia and visit holy places. Tour includes transfer and meals. |
| | Canyons and Caves | Whole day | Sataplia and Prometheus caves in Kutaisi includes visit of natural caves with stalactites and stalagmites in Sataplia and Prometheus park, dinosaurs foot prints, forest reserve. Tour includes transfer, meals and tickets for canyon and cave. |

Saturday, October 22nd

| Time | Tour | Tour Duration | Additional information |
|-------|------------------|---------------|---|
| 11:00 | City Tour | 1 hour | Assembly point: Sheraton Hotel Transfer by: |
| 12:00 | Botanical Garden | 3 hours | Tour takes about 3 hours to complete route from one entrance to second. |
| 15:00 | Lunch | | |

Gonio Fortress

Gonio Fortress, Apsaros - (1st Century) Historical Fortress in Adjara, Khelvachauri Municipality. Gonio is a complex structure with its towers. The castle has had many restorations in its history. The wall is fortified with 18 towers.



Ethnographic Museum "Borjalo"

The Ethnographic Museum presents models of residential and agricultural buildings typical for the Adjara region, fields of folk handicrafts, agrarian farming, daily life and more.

"Chateau Iveri" (wine yard)

"Iveri Beridze family vineyards are located in the most picturesque region of Georgia, Adjara, village of Varjanisi, Keda Municipality. The vineyard is located on one hectare of the land plot, the varieties of the wine grapes include Tsolikouri, Chkaveri and Satsuri grapevines, and over 10 endemic species.



Kutaisi Tour

- GELATI monastery complex
 - Bagrati cathedral
 - Motsameta monastery
- Kutaisi Botanical Garden

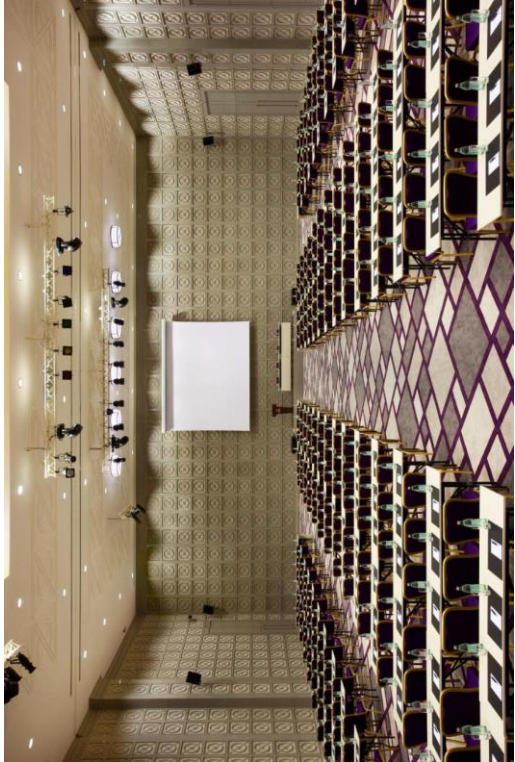
Canyons and Caves

Prometheus & Sataplia Caves and Jurassic Park Near Martvili Canyon and Hanged Bridges of Okatse Kutaisi



Photo gallery

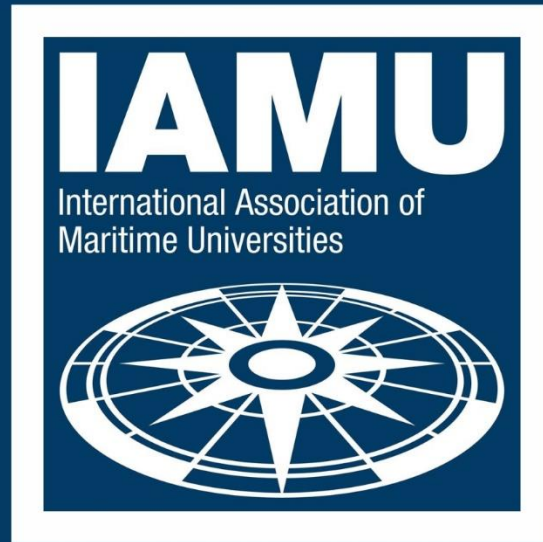




Venue: SHERATON BATUMI HOTEL

Hotels:

- HILTON BATUMI
- RADISSON BLU HOTEL BATUMI
- LE MERIDIEN BATUMI
- NEW WAVE HOTEL
- COURTYARD BY MARRIOTT
- PIAZZA FOUR COLOURS



The International Association of Maritime Universities



www.aga22-batumi.com