



IAMUS

MASSACHUSETTS MARITIME ACADEMY

IAMU | AGA24



**IAMU**  
International Association of Maritime Universities



24TH ANNUAL  
GENERAL ASSEMBLY  
**9-12 OCTOBER 2024**

## AGA24 | IAMUS Schedule

October 8 - 12

### **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.

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## 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 Cruise of Boston Harbor**

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 technical tour ends in Boston, attendees have the option to depart the conference and stay in Boston or return to Buzzards Bay on the buses.**

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<b>Tuesday, October 8</b>	
<b>Time</b>	<b>Event and Location</b>
1300 - 1800	<p>Conference and Room Check-In  <i>Maritime Conference Center</i>  <i>*Campus Map Included in Program</i>  <i>If you arrive on campus outside of the registration time, please see the contact information at the end of the schedule.</i></p>
1830	<p>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  <i>Shuttle Service provided to IAMUS attendees staying off campus</i></p>
1900 - 2100	<p>Welcome Reception  <i>Pande Dining Hall</i>                      Conference Check-In will continue outside the Pande Dining Hall</p>
2100	<p>Motor Coach Back to Hampton Inn and TownePlace Suites                      Shuttle Service to Quality Inn, Eastern Inn and Inn on Onset Bay</p>

<b>Wednesday, October 9</b>	
<b>Time</b>	<b>Event and Location</b>
0900	<p>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</p>
0900 - 1300	<p>Same-Day Registration / Information Table                      Admirals Hall Lobby, Harrington Hall</p>
0815 - 0915	<p>Breakfast                      Pande Dining Hall, Mess Deck  <i>Please remember to wear your name tag for meals</i></p>
0930 - 1030	<p>AGA Opening Ceremony                      Admirals Hall, Harrington Hall</p>
1030 - 1200	<p><b>Student Presentations</b>                      Flanagan Hall</p>

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Wednesday, October 9 (continued)		
1030	A systematic review of path planning methods for AGV	Yi-Xin Liang Dalian Maritime University, China
1045	Port Performance: The impact of climate change on port efficiencies	Gillian Claasen Nelson Mandela University, S. Africa
1100	Consideration of crowd shipping using existing logistics resources	Hisatoshi Naganawa Kobe University, Japan
1115	Rotor Sail: Harnessing Winds for a Sustainable Future	Giacomo Bottaro Italian Shipping Academy, Italy
1130	Maritime piracy and armed robbery analysis	Muhammad Ilham Fahreza Kobe University, Japan
1145	Seafaring synergy: Assessing the Impact of Dual-Purpose Maritime Education	Magnus Frederiksen Svendborg International Maritime Academy, Denmark
1200 - 1300	<b>LUNCH</b> Pande Dining Hall, Mess Deck <i>Please remember to wear your name tag for meals</i>	
1330	Arrive SSV Ernestina-Morrissey Sail to New Bedford, MA Onboard Student Mixer with Captain Paul Cuffe Center for Inclusion <i>Please remember to wear warm layers and comfortable shoes for sailing.</i>	
1800	Bus back to Massachusetts Maritime Academy from New Bedford	
1830	Cape Cod Autumn Harvest Dinner Parade Field Tent <i>Please dress for an outdoor event on the lawn.</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
0800	Breakfast Pande Dining Hall, Mess Deck <i>Please remember to wear your name tag</i>
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

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Thursday, October 10 (continued)		
Time	Event and Location	
0900	<b>Student Presentations</b> Flanagan Hall	
0900	Extracting the Maritime Traffic Route in South Korea using Spatial-Temporal Density Analysis	Hak Chan Kim Korea Maritime and Ocean University, S. Korea
0915	Spatial data fusion and deep learning methods using geophysical and hydrographic sensors	Aleksander Kulbacki Maritime University of Szczecin, Poland
0930	A conversation on the Regimental programs	Rafael Scott Maine Maritime Academy, USA
0945	The Digitalization of Maritime Management and Big data	Sankalp Chakravarthy Sreenath AMET University, India
1000	Basic Performance Verification by Actual Sea Experiment	Machiko Hada Tokyo University of Marine Science and Technology, Japan
Break		
1030 - 1230	Inclusive Leadership Workshop Clean Harbors Athletic Center	
1230 - 1320	<b>LUNCH</b> Pande Dining Hall, Mess Deck <i>Please remember to wear your name tag for meals</i>	
1330	Analysis and Validation of Fresnel-Lens based Solar Heat Accumulator for Auxiliary System of Passive Solar Distillation Device	Archisman Mandal Indian Maritime University, India
1345	Research on Causes of Engine Accidents Interfering with Shipping Operations	Saori Okita Tokyo University of Marine Science and Technology, Japan
1400	Work related health problems among seafarers	Kirby Ofianga John B. Lacson Foundation Maritime University, Philippines
1415	Navigating the waves of crisis	Hanna Hagberg Chalmers University of Technology, Sweden

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<b>Thursday, October 10 (continued)</b>		
<b>Time</b>	<b>Event and Location</b>	
1430	Analyzing the application of the course "Leadership, crew management .."	Ivio Bilić University of Dubrovnik, Croatia
1445	Elevating The Panamanian Maritime Economy	Ismael Ponce International Maritime University of Panama, Panama
1500	Increasing the safety of ship`s cargo operations with a smart tilt detection device	Saba Chaghalidze Batumi State Maritime Academy, Georgia
1515	Sailing Through Storms: Unveiling the mental health challenges of seafaring professionals	Megan Rose Fiander Fisheries and Marine Institute of Memorial University, Canada
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	GALA Dinner Pande Dining Hall  <b>Welcome Remarks</b> Dr. Takeshi Nakazawa, Professor, Executive Director, IAMU  <b>Keynote Speaker</b> Ms. Tina Revsbech, Chief Executive Officer, Maersk Tankers <i>Music: Massachusetts Maritime Academy Jazz Band</i>	
2200	Motor Coach Back to Hampton Inn and TownePlace Suites Shuttle Service to Quality Inn, Eastern Inn and Inn on Onset Bay	



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**Friday, October 11**

<b>Time</b>	<b>Event and Location</b>	
0800	<p align="center"><b>Breakfast</b>                      Pande Dining Hall, Mess Deck  <i>Please remember to wear your name tag for meals</i></p>	
0800	<p align="center">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</p>	
0900	Underwater robots help the ocean of the future	Weihao Wang Dalian Maritime University, China
0915	The Impact of Water in the Panama Canal's Operations	Ian Appleton Almengor International Maritime University of Panama, Panama
0930	Effectiveness of ship evasive maneuver enhanced by a comprehensive radar report	Paulina Wolska Gdynia Maritime University Poland
0945	Navigating geo-political turbulence	Solomzi Tshona, Nelson Mandela University, South Africa
1000	The Global Maritime Citizenship Program	Mao Tze Bayotas, World Maritime University, Sweden
1000	Student Closing Activity	
1115	<p align="center">Closing Ceremony                      Maritime Conference Center</p>	
1215	<p align="center">Grab-n-Go Boxed Lunches                      Maritime Conference Center                      Please grab a box lunch and head to the buses for the Tech Tour</p>	
1230	<p align="center">Buses Depart for Afternoon Technical Tour                      Bus pick up at Maritime Conference Center  <i>Historical Boston Harbor Cruise</i></p>	
1600	Buses back to Campus	

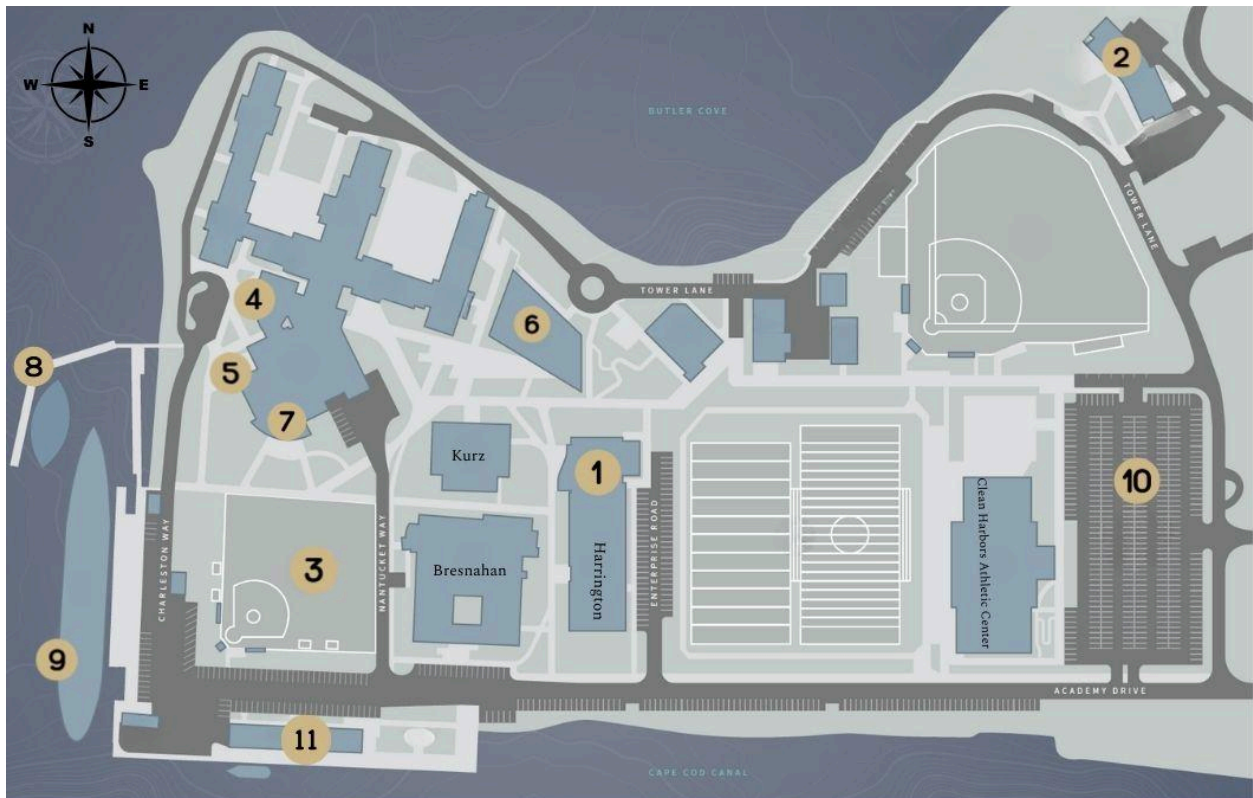
**Saturday, October 12**

<b>Time</b>	<b>Event and Location</b>
0900	Buses to Logan Airport, Boston

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**Shuttle Service:** For students who are not staying on campus, bus and shuttle service are provided at designated times during the conference:




1: Harrington Hall	2: Maritime Conference Center	3: Parade Field	4: Fantail	5: Baystate Conference	
6: ABS	7: Pande Dining	8: Ernestina	9: T.S. Patriot State	10: Clean Harbors Parking	11: Flanagan Hall

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Contact Information: If you have any questions, please contact Linda Trombly using the following:

<p><b>Linda Trombly</b> ltrombly@maritime.edu</p>	<p><b>WhatsApp:</b></p> 
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October 7, 2024