

23rd Annual General Assembly

IAMU

Helsinki, Finland

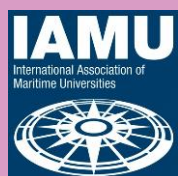


AGA23

18-21st October 2023

PROGRAM

Helsinki, Finland 18th - 21st October 2023



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 73 universities/academies/faculties of the world's maritime education and training institutions, and The Nippon Foundation as its members, total 74 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 to the member universities on the decision of the IEB.

Presidents' Forum

The Presidents' Forum is a meeting in which President 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 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 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 AGA23

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.

Satakunta University of Applied Sciences (SAMK) is honored to host the 23rd Annual General Assembly and IAMUC 2023.



Introduction

The 23rd Annual General Assembly is a spectacular event taking you from Helsinki to Stockholm and back, as most of the conference will take place on the cruise ship Silja Serenade which is sailing between the Finnish capital Helsinki and the Swedish capital Stockholm, making it the first AGA at sea.



AGA23 & IAMUC Program

Tuesday 17.10.2023

FI Time	Activity & Location
16:00 - 19:00	Registration Hotel Scandic Grand Marina
19:00 - 22:00	Welcome Dinner Restaurant Marine, Grand Marina Congress Center

Wednesday 18.10.23

FI Time		Activity & Location	
08:30 - 13:00	Registration Grand Marina Congress Center 2nd floor		
09:00 - 10:00	Opening Ceremony Fennia II, Grand Marina Congress Center		
10:00 - 10:15	Coffee Break Grand Marina Congress Center		
10:15 - 12:00	Presidents Forum (Presidents/official proxies only)	Grand Marina Congress Center Room #Nordia	
10:15 - 12:00	Icebreaker visit (max 20 pers. Per group)	Icebreaker Fleet 15 min walk	
12:00 - 13:00	Lunch Restaurant Marine, Grand Marina Congress Center		
13:00 - 14:30	Plenary Session (IAMU members only)	Grand Marina Congress Center Room #Fennia II	
14:00 - 15:00	Coffee Break Grand Marina Congress Center		
15:00 - 16:30	Boarding Ship (Shuttle bus between Hotel Scandic Grand Marina – Olympia terminal)		
On board Silja Serenade			
FI Time		Activity & Location	
16:30 - 18:00	Project Presentations Starlight		
18:00	Welcome on board Starlight		
20:30	Gala Dinner Seaport		

Thursday 19.10.23		
FI Time	Activity & Location	
08:00 - 9:30	Breakfast Grande Buffet	
IAMU Conference, Technical Sessions Conference Department		
	Session 1: Technological Aspects Chair: Dr. Reza Emad	Session 2: Policy Aspects Chair: Dr. Graham Benton
10:00 - 10:20	Opening Session	
10:20 - 10:40	Esma Uflaz, Hadi Fadil Bantan, Hollie Black, Ozcan Arslan, Emre Akyuz and Osman Turan: Concepts and Applications of Eye Tracking Technology in Maritime Shipboard Operation with Pilot Case Study	Scott MacKinnon, Reto Weber, Monica Lundh, Fredrik Olindersson, Johan Magnusson and Mats Gruvefeldt: Assessing the Challenges to the International Convention of Standards of Training, Certification and Watchkeeping in the Era of Digitalization and Automation
10:40 - 11:00	Ender Asyali, Steve Tarrant, Adam Slazas, Steve Cole: A Comparative Analysis of Workload for Navigation Tasks Performed onboard and at Simulated Remote Control Centers for MASS Using NASA-TLX	Hoang Nguyen Vuong: Enhancing e-learning in Maritime Education and Training: Action research in Vietnam context
11:00 - 11:20	Qi Chen, Amanda Pang and Daniel Pang: Navigating the Future: Integrating AI into Maritime Education	Theodore Marr, Jennifer Smith, and Elizabeth Sanli: A Delphi Study to Formalize Domain Knowledge on Maritime Collision Avoidance and Inform Training
11:20 - 12:00	Coffee Break / Poster Presentations	
11:00	Ship Arrival to Stockholm, Sweden Värta Terminal	
	Session 1 continuation	Session 2 continuation
12:00 - 12:20	Gholam Reza Emad, Mehrangiz Shahbakhsh, Koivisto Heikki, Stephen Hurd and Janne Lahtinen: Simulator as a Critical Training Tool for Autonomous Ship Operators	Meric Karahalil, Margareta Lützhöft and Joel Scanlan: Factors Impacting Curricula in Maritime Simulator-based Education
12:20 - 12:40	Goran Vizentin, Darko Glujić, Goran Vukelić, Dean Bernečić and Dario Ogrizović: Coupling CFD and VR for Advanced Fire Training in Ship Engine Room	Jens Brauchli Jensen: Exploring possible content and structure of a quality maritime master program in Denmark
12:40 - 13:00	Srdan Vujičić, Damir Zec, Martina Hrnić, Nermin Hasanspahić and George Gabedava: The factors affecting cruise ships' evacuation efficiency	Mao Tze M. Bayotas: BoK- STCW-TRB Triumvirate Course Mapping for Learning Outcome Matrix of BS Marine Engineering Program

13:00 - 13:30	Session 1 Discussion	Session 2 Discussion
13:00 - 14:00	Deck visits (Command bridge & Engine room)	
13:30 - 14:30	Lunch Grande Buffet	
IAMU Conference, Technical Sessions Conference Department		
	Session 3: Environmental Aspects Chair: Prof. Minna Keinänen-Toivola	Session 4: Social Aspects Chair: Capt. Heikki Koivisto
14:30 - 14:50	Malini Shankar, Sheeja Janardhanan, Pavan Kumar, Ramakrishna Patnaik, Vanshika Khandelwal and Bhadra Vazhappully: A study of the effect of shipping pollution in the port and territorial waters of Visakhapatham	Momoko Kitada, Alina Balasanyan, Inga Bartusevičienė, Mary Chakvetadze, Besik Chkhikvadze, George Gabedava, Rima Mickienė, Iryna Savelieva, Alessandro Schönborn, and Koskina Yuliia: People-Centred Clean Energy Transition: The Role of Maritime Education and Training
14:50 - 15:10	Johannes Kolind and Mads Klit Rønn: Life Cycle Assessment to Determine the Relevance of Including	Margaret Ward, Tamara Burback, Fred Reiman and Ben Hughes: Engagement of Students in Maritime Operations – An Exploration into Cultivating Cultural Connection Across Majors at a Maritime University
15:10 - 15:30	Pyrý Lähde, Sami Skog and Minna M. Keinänen-Toivola: Breakthrough simulator technologies for seafaring, education, and training	
15:30 - 16:00	Coffee Break / Poster Presentations	
	Session 3 continuation & Economical Aspects	Session 4 continuation
16:00 - 16:40	Mamdouh Elmallah and Mohamed Shouman: Implementations to decrease noxious emissions and develop environmental sustainability in seafaring	Birgit Rasmussen: English as teaching language at SIMAC
16:40 – 17:00	Matthew Sumner, Martina Žuškin, Srđan Žuškin, Mirano Hess: Competitive game fundamentals and concept model representation for LNG transportation industry	Claudia Barahona-Fuentes, Marcella Castells-Sanabra and Momoko Kitada: Incorporating the gender perspective in teaching: the case of Barcelona School of Nautical Studies
17:00 - 17:20	Peggy Shu-ling Chen, Hongjun Fan, Hossein Enshaei, Wei Zhang, Wenming Shi, Nagi Abdussamie, Takashi Miwa, Zhuohua Qu and Zaili Yang: Hydrogen Shipping Cost Evaluation for Potential Corridors	

17:20 - 18:00	Session 3 Discussion Summary of day 1	Session 4 Discussion Summary of day 1
16:45	Ship departs Stockholm, Sweden Värta Terminal	
20:30	Buffet Dinner Grande Buffet	

Friday 20.10.23	
FI Time	Activity & Location
07:30	Breakfast Grande Buffet
IAMU Conference, Technical Sessions Conference Department	
	Session 5 Technological Aspects Chair: Capt. Heikki Koivisto
09:00 - 09:15	Mesut Can Köseoğlu and H. Funda Yercan: Conceptual Modelling of the Use of Artificial Intelligence in Maritime Education and Training: An Exploratory Approach
09:15 - 09:30	Heikki Koivisto, Lesya Demydenko, German de Melo, Taner Albayrak, Gintvilė Šimkonienė and Artem Ivanov: On-line ERS
10:00 - 10:30	Break
	Session 5 Continuation
10:30 - 10:45	Gholam Reza Emad, Aditi Kataria and Gamini Lokuketagoda: Developments in Engine Room Simulator Training Technology for Future Ships: Facilitating Training in Context
10:45 - 11:00	Anna Mugal-Colilles and Jordi Fonollosa: Data acquisition differences between two AIS receiving antennas
11:00 - 11:30	Session Discussion 5
11:30 - 12:00	Closing Ceremony
12:00 - 13:00	Lunch Grande Buffet
13:00	Leave ship Olympia terminal
13:30 - 14:30	Helsinki Tour by bus
14:30	Bus departure Helsinki - Rauma
18:30	Bus arrival in Rauma

Saturday 21.10.23	
FI Time	Rauma, Finland
08:30 -09:00	Pick-Up from hotel by bus
09:00 - 10:30	Old Rauma Tour on foot
10:30 - 12:00	Campus Tour
12:00 - 13:00	Lunch
13:00	Bus departure Rauma - Helsinki
17:00	Bus arrival Helsinki - Vantaa airport/Helsinki City

On board Silja Serenade

Entertainment

Casino

Starlight - Live music & Nigh club

New York Club & Lounge

Restaurants

Grande Buffet

Tavolàta Ristorante Italiano

Happy Lobster

Grill House

Bon Vivant, Wine bar & shop

Coffee & Co.

Shopping

Tax Free superstore

Marimekko - store

Tommy Hilfiger - store

Luxury

GiftS

Moomin shop-in-shop

Kids&toys

New York			Club & Lounge			Sun Deck Moonlight Promenade			12		
Sunflower Oasis			12			Cabins 11201-11224, 11401-11424			Cabins 11102-11324 Executive Suite		
Cabins 11601-11642, 11801-11842			11			Cabins 11501-11518, 11701-11718			Cabins 10102-10316 Commodore Lounge		
Cabins 10601-10642, 10801-10842			10			Cabins 10501-10524, 10701-10724			Cabins 9102-9386 Junior Suites		
Cabins 9601-9642, 9801-9842			9			Cabins 9501-9524, 9701-9724			Starlight Sea View Lounge		
Cabins 8601-8642, 8801-8842			8			Cabins 8501-8523, 8701-8723			Starlight Casino Casino Bar		
Sea Pub Coffee & Co. Dealguai Grill House Happy Lobster			7			Bon Vivant Wine Bar & Shop Fashion Luxury Fast Lane Electronics Gifts Info Kids & Toys			Silja Conference		
Grande Buffet			6			Tax Free Superstore Tavolàta Ristorante Italiano			Silja Land Spice Ice		
Cabins 5901-5999			5			Cabins 5950-5978 Drivers' Lounge			Car Deck 4A, 4B		
Car Deck 4C, 4D			4			Car Deck 4C, 4D			Car Deck 3A, 3B		
Car Deck 3C, 3D			3			Car Deck 3C, 3D			Cabins 2001-2030		
									Cabins 2040-2094		

Social Events

Welcome Dinner

Date: October 17th / 19:00

Location: Restaurant Marine, Grand Marina Congress Center

Gala Dinner

Date: October 18th / 20:30

Location: Seaport

Buffet Dinner

Date: October 19th / 20:30

Location: Grande Buffet

Accompanying Person's Program

Tuesday 17.10.2023

FI Time	Activity & Location
16:00 - 19:00	Registration Hotel Scandic Grand Marina
19:00 - 22:00	Welcome Dinner Restaurant Marine, Grand Marina Congress Center

Wednesday 18.10.23

FI Time	Activity & Location
09:00 - 10:00	Opening Ceremony Fennia II, Grand Marina Congress Center
	Tours of Helsinki
10:00 - 11:30	Helsinki City Tour
11:30 - 12:30	Lunch
12:30 - 14:30	Suomenlinna Unesco Heritage Site
15:00 - 16:30	Boarding Ship (Shuttle bus between Hotel Scandic Grand Marina - Opympia Terminal)
On board Silja Serenade	
18:00	Welcome on board Starlight
20:30	Gala Dinner Seaport

Thursday 19.10.23	
FI Time	Activity & Location
11:00	Ship Arrival Stockholm Värtan Terminal
Tours of Stockholm	
11:00 - 13:00	Guided Stockholm sightseeing
13:00 - 14:30	Lunch On board
14:00 - 16:00	Free time in Stockholm
16:45	Ship Departs Stockholm Värtan Terminal
20:30	Buffet Dinner Grande Buffet

Friday 20.10.23	
FI Time	Activity & Location
8:00 - 12:00	Free time onboard
12:00 - 13:00	Lunch Grande Buffet
13:00	Leave ship Olympiaterminaal
13:30 - 14:30	Helsinki Tour by bus
14:30	Bus departure Helsinki - Rauma
18:30	Bus arrival in Rauma

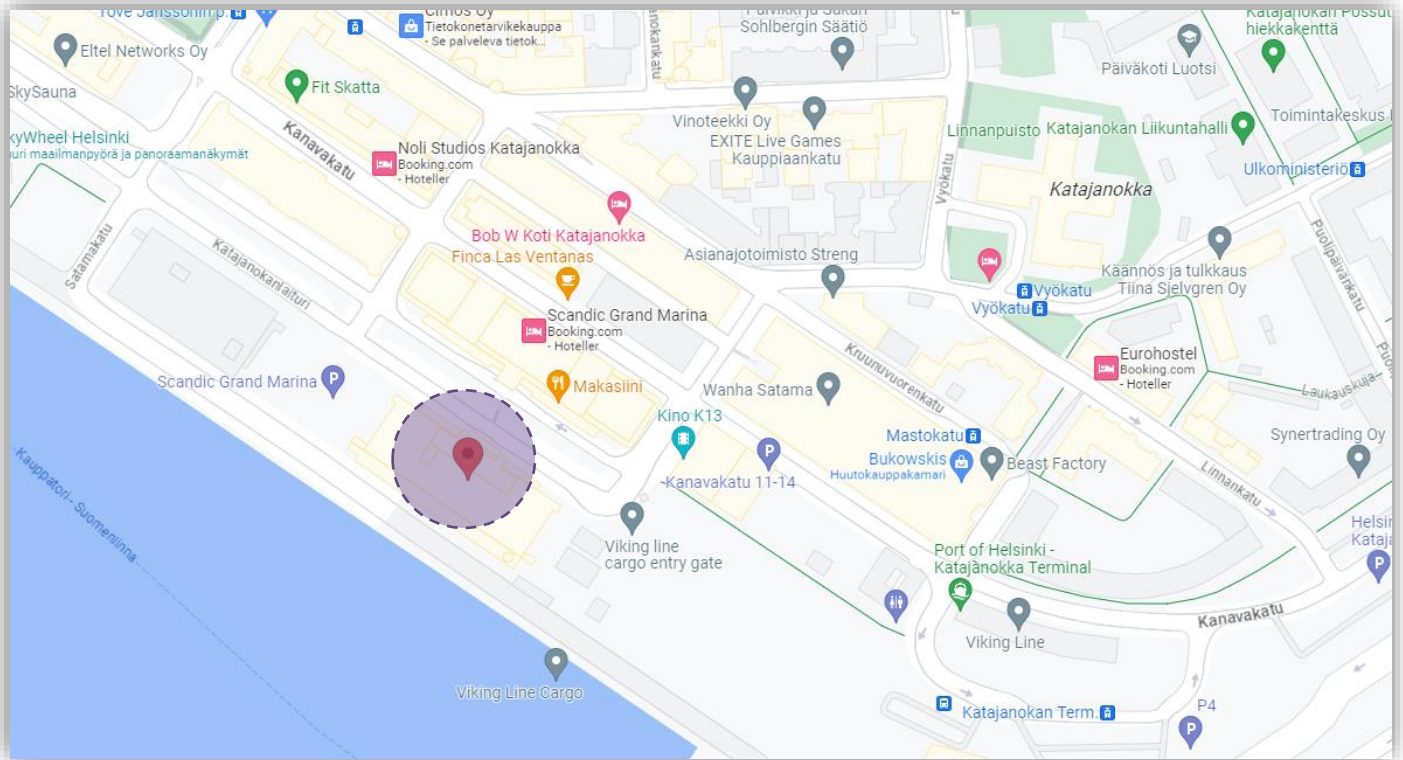
Saturday 21.10.23	
Time FI	Rauma, Finland
08:30 - 09:00	Pick-Up from hotel by bus
09:00 - 10:30	Old Rauma Tour on foot
10:30 - 12:00	Campus Tour
12:00 - 13:00	Lunch
13:00	Bus departure Rauma - Helsinki
17:00	Bus arrival Helsinki - Vantaa airport/Helsinki City

Venue

Helsinki – Scandic Grand Marina Congress Center

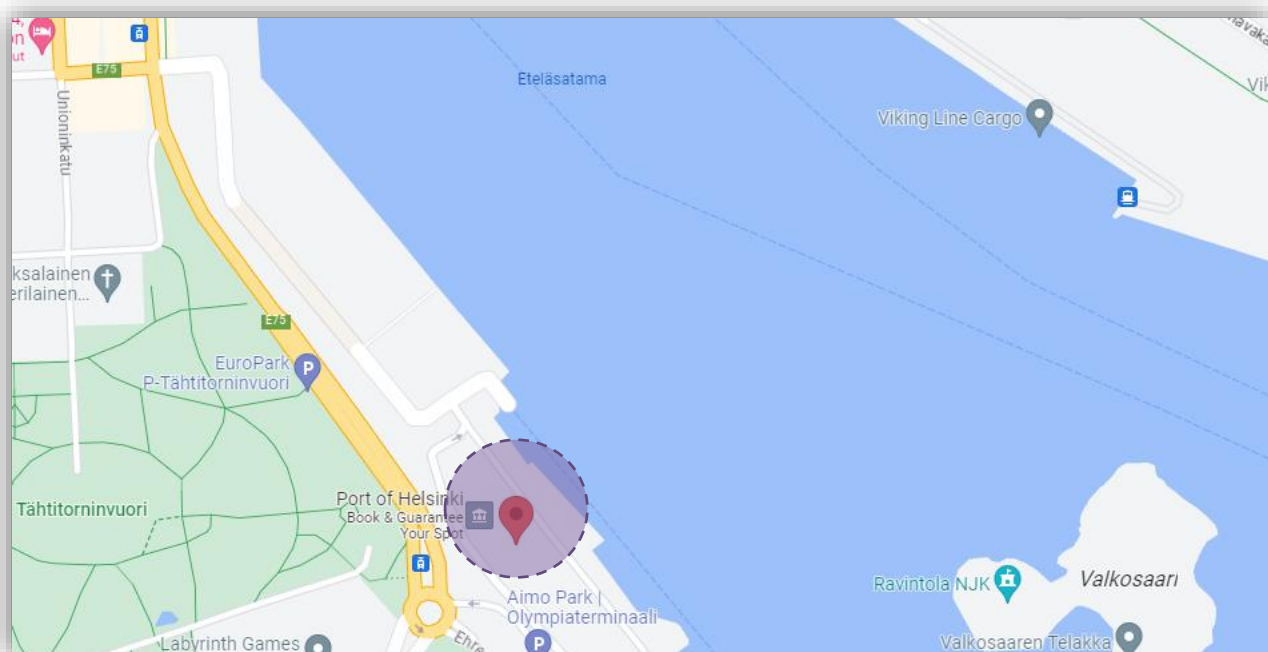
The opening of the 23rd IAMU Conference takes place at the Scandic Grand Marina Congress Center.

Katajanokanlaituri 6, 00160 Helsinki, Finland



Helsinki - Silja Boarding Terminal

The boarding terminal for the Ship “Silja Serenade” is located on the opposite side of the harbour bay, to Scandic Marina Congress Center. **Olympiaranta 3, 00140 Helsinki**





IAMU

International Association of
Maritime Universities



www.aga23.samk.fi