



International Association of Maritime Universities  
17th Annual General Assembly  
**Hai Phong, Viet Nam, 2016**



## PROGRAM OF THE IAMU AGA 17 (2016)

### Tuesday - October 25th

<b>15:00 - 21:00</b>	<b>Registration</b> Registration and Information Desk is located at the first floor of the AVANI Haiphong Harbourview Hotel. Opening hours: Thursday to Friday 08:00-18:30. All attendees must wear their name badges at all times to have access to all AGA sessions, workshops and events. Wi-Fi internet connection is available throughout the venue.
<b>18:30 - 21:00</b>	<b>Welcome Reception Dinner</b>

### Wednesday - October 26th

<b>08:15 - 08:30</b>	<b>Transportation</b> Pick up all IAMU AGA's participants from hotels to VMU's main campus (Add.: No. 484 Lach Tray street, Hai Phong city) All attendees must wear their name badges at all times to have access to all AGA sessions, workshops and events;	
<b>08:30 - 08:40</b>	<b>Opening Ceremony</b> Venue: Great Hall	<b>Prof. Dr. Luong Cong Nho</b> Local Executive Committee (LEC), Chair Vietnam Maritime University, President
<b>08:40 - 08:50</b>		<b>Prof. Neil Bose</b> International Association of Maritime Universities (IAMU), Chair Australia Maritime University, University of Tasmania, Principal
<b>08:50 - 09:00</b>		<b>Mr. Kentaro Ogiue (on behalf of H.E. Yohei Sasakawa, Chair of NF)</b> The Nippon Foundation Director, Ocean & Maritime Affairs Department, Social Innovation Program Division
<b>09:00 - 09:10</b>	<b>Keynote speeches</b> Venue: Great Hall	<b>Mr. Nguyen Van Cong</b> Ministry of Transport of Viet Nam, Deputy Minister
<b>09:10 - 09:20</b>		<b>Mr. Le Anh Son</b> Vietnam National Shipping Lines, Chairman of the members's council
<b>09:20 - 09:30</b>	<b>Break</b> - IAMU 's members move to International Conference Room No. 1 (100 seats) - IAMU's non-members will attend VMU's campus tour	

09:30 - 10:15	<p align="center"><b>AGA 16 Plenary Session</b>  Participants: IAMU's members  Venue: International Conference Room No.1 (100 seats)</p>		<p align="center"><b>VMU's campus tour</b>  Participants: IAMU non-member &amp; IAMU students  (Tentatively 10 participants + 30 students)</p>			
10:15 - 10:30	<p><b>Coffee/ Tea break</b>  Coffee/ Tea will be reserved near the Conference Rooms</p>					
10:30 - 10:35	<p><b>President's Forum</b>  <u>Themes:</u>  Recommended/common curriculum for IAMU member unive</p>	<p align="center"><b>Prof. Neil Bose</b>  IAMU, Chair  Australia Maritime College, University of Tasmania,  Principal</p>	<p align="center"><b>VMU's campus tour</b>  Participants: IAMU member, not official delegates  (Tentatively 50 participants)</p>			
10:35 - 10:40	<p>Participants: Official delegates</p>	<p align="center"><b>Dr. Takeshi Nakazawa</b>  IAMU Secretariat, Executive Director</p>				
10:40 - 10:50	<p>(President/ Rector/  Principal/Vice-Chancellor/  Dean or Proxy representative  of IAMU member universities</p>	<p align="center"><b>Prof. PhD. Thanasis Karlis</b>  Working Group on Curricula for officers' licenses  with academic degrees, Head  Australia Maritime College</p>				
10:50 - 11:30	<p><u>Venue:</u> Int'l Conference Room  No. 2 (50 seats)</p>	<p align="center"><b>Open discussion</b></p>				
11:30 - 11:45	<p><b>Group photograph</b>  All participants will be taken photographs at VMU's lobby</p>					
11:45 - 14:00	<p><b>Lunch and Break time:</b>  Venue: The Harbour Coffee restaurant of the AVANI Haiphong Harbourview Hotel  Transport will be arranged by VMU</p>					
	<p align="center">Technical session A-I: <b>MARITIME EDUCATION AND TRAINING (No. 1)</b>  Chair: Prof. Dr. Vladiimir Loginovskiy - Admiral  Makarov State University of Maritime and Inland</p>	<p align="center">Technical session B-I: <b>ONBOARD TRAINING, SIMULATORS</b>  Chair: James Parsons, Fisheries and Marine Institute  of Memorial University of Newfoundland</p>	<p align="center">Technical session C-I: <b>MARITIME ENVIRONMENTAL ISSUES &amp; ENERGY EFFICIENCY (No. 1)</b>  Chair: Ass. Prof. Vlado Francic, Faculty of Maritime  Studies Rijeka</p>			
14:00 - 14:30	<p>International Standardization of Maritime Education, Training, Scientific Research and Technological Advances related to Development of e-Navigation Strategy in Order to Enhance the Cooperation for Maritime Safety and Security and Protection of Ocean Environment</p>	<p>Adam Weintrit,  Gdynia Maritime University, Poland</p>	<p>Study on the Training Effect of the Sail Training</p>	<p>Yoshiaki Kunieda,  Tokyo University of Marine Science and Technology, Japan</p>	<p>A method to identify an optimum speed of ships for ship efficient operation</p>	<p>Tran The Nam,  Vietnam Maritime University</p>

<b>14:30 - 15:00</b>	Towards Dynamic Maritime Education and Training Systems	Ahmed Kassar, Arab Academy for Science, Technology and Maritime Transport, Egypt	Enhancing the effectiveness of marine engine room simulator-based training	Salman Nazir, University College of SouthEast Norway, Norway	Polarworthiness and Co-operation – Efficient education of risk management for arctic environment	Peter Ivar Sandell, Satakunta University of Applied Sciences, Finland
<b>15:00 - 15:30</b>	Containerisation of MET-Moving Towards a Global Maritime Education System	Takashi MIWA, Kobe University Graduate School of Maritime Sciences, Japan	Monitoring of the quality of Maritime specialists training in the system of Maritime education	Igor Marichev, Admiral Ushakov Maritime State University, Russia	Energy Efficiency Design Index Verification through Actual Power and Speed Correlation	Quang Dao Vuong, Vietnam Maritime University
<b>15:30 - 16:00</b>	<b>Coffee/ Tea break</b> Coffee/ Tea will be reserved at the Conference Rooms					
<b>16:00 - 16:30</b>	Internationalization to improve Maritime Education and Training in Vietnam	Nguyen Thuy Hong Van, Ho Chi Minh City University of Transport, Vietnam	Assessment of STCW Competencies Aboard a Maritime Academy Training Vessel	Scott Saarheim, California Maritime Academy, USA	Diesel Engine Emissions/Performance of Emulsion Marine Fuels	Richard Kimball, Maine Maritime Academy, USA
<b>16:30 - 17:00</b>	Standardization of maritime education as aim, result and means of its quality improvement	Irina Makashina, Admiral Ushakov Maritime State University, Russia	Inventory of the engineers' competences for a new CoC course by using simulators	M. Castells, Barcelona School of Nautical Studies, Universitat Politècnica de Catalunya, Spain	Validation and calibration of diesel engine model using DME	Nguyen Lan Huong, Vietnam Maritime University
<b>18:30 - 21:00</b>	<b>Dinner</b> The meeting point and time: the lobby of AVANI Haiphong Harbourview Hotel at 18:30 Dress: casual					

## Thursday - October 27th

	Technical session A-II: <b>MARITIME EDUCATION AND TRAINING (No. 2)</b> Chair: Prof. Bogumil Laczynski, Gdynia Maritime University, Poland		Technical session B-II: <b>MARITIME SAFETY &amp; SECURITY</b> Chair: Com. Prof. DSc. Boyan Mednikarov, Nikola Vaptsarov Naval Academy		Technical session C-II: <b>MARITIME ENVIRONMENTAL ISSUES &amp; ENERGY EFFICIENCY (No. 2)</b> Chair: Mr. John Tucker, Fisheries and Marine Institute of Memorial University of Newfoundland	
<b>08:30 - 09:00</b>	Trends in the development of maritime education: prospects and proposals	Irina Makashina, Admiral Ushakov Maritime State University, Russia	Calculation and simulation of the current effects on maritime safety in Haiphong fairway, Vietnam	Pham Ky Quang, Vietnam Maritime University	Effect of Injection Timing and Mixing Rate of Water in Jatropha Emulsion on Combustion and Performance of DI Diesel Engine	Luong Duy Dong, Vietnam Maritime University
<b>09:00 - 09:30</b>	Towards standardization of seafarers education and training	Athanasios Karlis, Australian Maritime College, Australia	Confined space operations	Philip Mackrill, Australian Maritime College, Australia	Sediment management practices for ports and shipyards –applicable approaches	Lovro Maglic, University of Rijeka, Faculty of Maritime Studies Rijeka, Croatia
<b>09:30 - 10:00</b>	Knowledge Management and its Influence on the Efficiency of Maritime Education and Training Institutes (A Case Study)	Amr Ibrahim, Arab Academy for Science, Technology and Maritime Transport, Egypt	Research of the increasing the accuracy of the process of collision avoidance of the vessels in congested waters	Dmytro S. Zhukov, National University Odessa Maritime Academy (NU “OMA”), Ukraine	Particle emissions from ships at berth using heavy fuel oil	Chu Van Thuy, Vietnam Maritime University
<b>10:00 - 10:30</b>	<b>Coffee/ Tea break</b> Coffee/ Tea will be reserved at the Conference Rooms					
<b>10:30 - 11:00</b>	Captain’s duty – The constant and continuing changes of captain’s legal position. How can we ensure that Masters are on map?	Ninna Roos, Satakunta University of Applied Sciences, Finland	Evaluating the safety of floating structure under designed sea condition	Nguyen Thi Hai Ha, Vietnam Maritime University	Guessing to Prediction – A Conceptual Framework to Predict LNG Bunker Demand Profile in Australia	Rumesh H Merien-Paul, Australian Maritime College, Australia
<b>11:00 - 11:30</b>	Standardization and Simplification for Teaching the International Collision Regulations [72COLREGS]	Douglas A. HARD, United States Merchant Academy, USA	Integration of Maritime Spatial Planning into the Waterways Safety Management studies	Madli Kopti, Estonian Maritime Academy of Tallinn University of Technology, Estonia	EEDI reduction by investigating the capability of RANSE CFD for propeller, propeller– hull form performance calculation during ship optimization process	Tran Ngoc Tu, Vietnam Maritime University

<b>11:30 - 13:30</b>	<b>Lunch:</b> Venue: The Harbour Coffee restaurant of the AVANI Haiphong Harbourview Hotel					
	Technical session A-III: <b>MARITIME EDUCATION AND TRAINING (No.3)</b> Chair: Prof. Neil Bose, Australian Maritime College, University of Tasmania		Technical session B-III: <b>HUMAN RESOURCHES &amp; CULTURAL AWARESS</b> Chair: Dr. Pham Xuan Duong Vietnam Maritime University		Technical session C-III: <b>MARITIME ENVIRONMENTAL ISSUES &amp; ENERGY EFFICIENCY (No. 3)</b> Chair: Prof. DSc. CE. Dang Van Uy Vietnam Maritime University	
<b>13:30 - 14:00</b>	Study on the ideal ways of enhancing the quality of maritime education, training and research	Karthik Kannan, AMET University, India	Opportunities and advantages for oversea seafarers human resources development in Vietnam	Dinh Xuan Manh, Vietnam Maritime University	Modelling reasonable operating regimes of the main propulsion plant: main diesel engine - propeller - hull on the general cargo ship	Do Duc Luu, Vietnam Maritime University
<b>14:00 - 14:30</b>	Characteristic of post-degree courses organized in GMU on example "MODERN SHIP MANAGEMENT" course	Bogumil Laczynski, Gdynia Maritime University, Poland	Language Barriers, Cultural Differences and International Cooperation between Maritime Institutions	Qi Chen, Massachusetts Maritime Academy, USA	Ballast Water Management: Challenges for the Flag State and Port State Control	Shantha Jayasinghe, Australian Maritime College, Australia
<b>14:30 - 15:00</b>	IMO E-navigation Concept and MET trends analysis	Vladimir A. Loginovsky, Admiral Makarov State University of Maritime and Inland Shipping, Russia	Women seafarers as minority organizational members	Lise Langaker, Stord/Haugesund Uni.y Collegem, Norway	Whirling vibration characteristics due to lubricating oil pressure in the Diesel – Generator shafting system	Pham Huu Tan, Vietnam Maritime University
<b>15:00 - 15:30</b>	<b>Coffee/ Tea break</b> Coffee/ Tea will be reserved at the Conference Rooms					
<b>15:30 - 16:00</b>	Integrity of Electronic Testing of Mariners	John Tucker, Memorial University of Newfoundland, Canada	Study over the increasing of situational awareness and the culture of safety among younger officers	Radu Hanzu-Pazara, Constanta Maritime University, Romania	A Collaborative Approach to Protecting the Ocean Environment	Matthew Rooks, Kobe University Graduate School of Maritime Sciences, Japan
<b>16:00 - 16:30</b>	Increasing the sustainability of the maritime research and training	Nedko Dimitrov, Nikola Vaptsarov Naval Academy, Bulgaria	Cultural Intelligence and Awareness in Maritime Education: A Case Study	Madhubani Ghosh, Massachusetts Maritime Academy, USA	Floating Power Platforms for Off-shore Cold-ironing	Shantha Gamini Jayasinghe, Australian Maritime College, Australia

<b>16:30 - 17:00</b>	Distance learning for egyptian seafarers: a critique	Ahmed Kassar, Arab Academy for Science, Technology and Maritime Transport , Egypt	A career capital approach in the training and development of merchant marine seafarers: The case of South Africa	Rumesh Hirantha, Australian Maritime College, Australia	The deterring torsional vibration damping coefficients algorithm for computing marine shafting' s vibrations	Nguyen Manh Thuong, Vietnam Maritime University
<b>18:30 - 21:00</b>	<b>Dinner</b> The meeting point and time: the lobby of AVANI Haiphong Harbourview Hotel at 18:30 Dress: casual					

## Friday - October 28th

	Technical session IV: <b>RESEARCH IN MET</b> Chair: Dr. Glenn Blackwood, Fisheries and Marine Institute of Memorial University of Newfoundland					
<b>08:30 - 09:00</b>	<b>Ship Automatic Track keeping At Low Speed</b> Le Thanh Dat, Vietnam Maritime University, Vietnam					
<b>09:00 - 09:30</b>	<b>Advanced Navigation System in the Mediterranean Sea “Regional Project for Management Control System”</b> Mohamed Abdel Fattah Omar, Arab Academy for Science & Technology & Maritime Transport, Egypt					
<b>09:30 - 10:00</b>	<b>The Construction of Global Shipping Big Data Platform</b> Shulong Dai, Dalian Maritime University, China					
<b>10:00 - 10:30</b>	<b>Logistics and supply chain finance: managing financial risks and optimizing financial flows in logistics and supply chains</b> Thuy Duong Dang, Vietnam Maritime University					
<b>10:30 - 11:00</b>	<b>Coffee/ Tea break</b> Coffee/ Tea will be reserved at the Conference Rooms					
<b>11:00 - 12:00</b>	<b>Student Presentations</b> (2-3 best presentations which will be chosen from the IAMUS 2016)					
<b>12:00 - 13:30</b>	<b>Lucnch:</b> Venue: The Harbour Coffee restaurant of the AVANI Haiphong Harbourview Hotel					
<b>13:30 - 13:50</b>	<b>IAMU Research Project for FY2016</b>	Development of A New Evaluation System for Simulator Training utilizing Physiological Index			Reasearch Coordinator: Koji Murai Kobe University, Graduate Study of Maritime Sciences (KU-GUMS)	
<b>13:50 - 14:10</b>		Project DAME - Data Alternatives for Marine Efficiency monitoring: overcoming constraints in the development of an on-board fuel data collection scheme			Reasearch Coordinator: Ruurd van der Meer Maritime Insitute Willem Barentsz (MIWB)	
<b>14:10 - 14:30</b>		An open-source marine systems and vessels moedelling platform - Development of an open access prototype library for the description, parameterisation, documentation and silmulation of complex maritime systems			Reasearch Coordinator: Christian Matthews Liverpool John Moores University (LIMU)	

14:30 - 14:50		Aligning the course learning outcomes of maritime business degree with industry preferred skill sets to increase student employability in the onshore maritime industry	Research Coordinator: Shu-Ling (Peggy) Chen Australian Maritime College (AMC)
14:50 - 15:05	<b>Coffee/ Tea break</b> Coffee/ Tea will be reserved at the Conference Rooms		
15:05 - 15:20	<b>Development Project and PEAS-P</b>	Development of a Common MET Question Repository	Project Coordinator: John Tucker Fisheries and Marine Institute of Memorial University of Newfoundland (FMIMUN)
15:20 - 15:35		Pilot project: Establish performance indicators for maritime universities Pilot project: Establish performance indicators for maritime universities	Project Coordinator: Neil Bose Australoan Maritime College (AMC)
15:35 - 15:50		CoC course to revalidate marine engineers' competences by using simulators	Project Coordinator: Marcel la Castells Sanab Barcelona School of Nautical Studies Universitat Politècnica de Catalunya, BarcelonaTech
15:50 - 16:05		PAES (Peer-Assisted Evaluation Scheme) Project	Project Coordinator: Damir Zec University of Rijeka, Faculty of Maritime Studies (UF-FMS)
16:05 - 16:20	<b>Report of WG OBT</b> Prof. Dr. Vladimír Loginovskiy - Admiral Makarov State University of Maritime and Inland Shipping		
16:20 - 16:45	<b>Coffee/ Tea break</b> Coffee/ Tea will be reserved at the Conference Rooms		
16:45 - 17:30	<b>Closing Ceremony</b> IAMU members & IAMUS only		
18:30 - 20:00	<b>Gala Dinner</b> The meeting point and time: the lobby of AVANI Haiphong Harbourview Hotel at 18:30 Dress: casual		

## Saturday, October 29th

08:30 - 18:00	<b>Technical tour - Halong bay tour (option)</b> The meeting point and time: the lobby of AVANI Haiphong Harbourview Hotel at 08:30 Dress: casual		
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