

21<sup>st</sup> Annual General Assembly

# IAMUAGA21

The International Association of Maritime Universities  
21<sup>st</sup> Annual General Assembly & Conference  
(IAMU-AGA 21 & IAMUC)

26<sup>th</sup>-28<sup>th</sup> October 2021

ALEXANDRIA, EGYPT

*IAMUS Program*



Hosted by



**Arab Academy**  
for Science, Technology and Maritime Transport



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## AGA 21 & IAMUS Program

**Monday, October 25<sup>th</sup>**      **Location AASTMT**      **Chair Capt. Amr Moneer**

**Time**      **Cairo Time ( GMT + 2)**      **Event**

19:00 – 21:00      Welcome Reception

**Tuesday, October 26<sup>th</sup>**      **Location AASTMT**      **Chair Prof. Ismail Abdel Ghafar Farag**

**Time**      **Cairo Time ( GMT + 2)**      **Event**

08:00 – 09:00      Registration  
 09:00 – 10:00      **AGA 21 Opening Ceremony**  
 09:00 – 09:10 H.E. Prof. Ismail Abdel Ghafar Farag, AASTMT President, Head of LEC-AGA21  
 09:10 – 09:20 H.E. Prof. Glenn Blackwood, IAMU President  
 09:20 – 09:30 H.E. Lieutenant-General Kamel Al-Wazir, Minister of Transportation Egypt  
 09:30 – 09:40 H.E. Mr. Kitack Lim, IMO Secretary General (recorded speech)  
 09:40 – 09:50 H.E. Mr. Yohei Sasakawa, Nippon Foundation Chairman (recorded speech)  
 Online Photo session

10:00 – 10:30      Physical Photo session & Coffee Break  
**Keynote Lecture**

10:30 – 11:00      10:30 – 10:50 Capt. Reda Shehata, Head of Navigation Control - Suez Canal Authority  
 10:50 – 11:00 Mr. Masahiko Furuichi, IAPH Secretary General (recorded speech)

11:00 – 12:30      Campus Tour

12:30 – 14:00      Lunch

14:00 – 15:30      **Free time & Study time**

15:30 – 16:00      Coffee Break  
**Plenary lecture**

16:00 – 17:00      16:00 – 16:15 Dr. Hesham Helal, IAIN Vice President  
 16:15 – 16:30 Prof. Jin YongXing, Honorary Chair of IMLA (Online)  
 16:30 – 16:45 Mr. Kiran Varanasi, Wartsila Voyage  
 16:45 – 17:00 Open Discussion

17:00 – 17:15      AGA 21 Closing Ceremony  
**Prof. Ismail Abdel Ghafar Farag & Mr. Glenn Blackwood**

18:00 – 19:30      Dinner      Location: AASTMT

**Wednesday, October 27<sup>th</sup>**      **IAMUS Technical Sessions**  
 Location: AASTMT

Cairo Time ( GMT + 2)      **Session IAMUS-1 (A)**      **Session IAMUS-1 (B)**

**Main Library 2<sup>nd</sup> Floor (A)**

**Chair: Mr. Matthew Rooks (online)**  
**Co-Chair: Capt. Ahmed Ismaiel**  
 09:00 Nika Lortkipanidze and Aleksandre Shervashidze  
 "Use of Thermal Imaging Cameras and Sound Detection System for COLREGs"  
 09:30 Jherico James Espinosa (online)  
 "Comparative Analysis of the Physical Fitness Status of the Cadets of the Maritime Academy of Asia and the Pacific Before and During Lockdown"  
 10:00 Junto Yamashita and Aina Nakano (online)  
 "Challenges for Earthquake-Predictive Technology"

**Main Library 3<sup>rd</sup> Floor (B)**

**Chair: Capt. Amr Moneer**  
**Co-Chair: Capt. Alaa Ammar**  
 09:00 Nithish Balaji and Hmanshu Uppal  
 "A Step Towards IMO's GHG Emission 2030: Engine Derating Optimization Using Predictive Analytics"  
 09:30 Zaldy Noel Tumapang (online)  
 "Satisfaction Of MAAP Cadets on The Adaptive Coping Strategies Against COVID-19 Stress"  
 10:00 Vinay Ranjan Jaiswal, Prathamesh Thube and Fazal Fazal (online)  
 "AI And Its Adoption in Shipping"

09:00 – 10:30

## AGA 21 & IAMUS Program

10:30	Coffee Break	
Cairo Time ( GMT + 2)	Session IAMUS-2 (A)	Session IAMUS-2 (B)
	<b>Main Library 2<sup>nd</sup> Floor (A)</b>	<b>Main Library 3<sup>rd</sup> Floor (B)</b>
11:00 – 12:30	<p>11:00 <b>Rafael Kanev and Martin Yankov</b> "Innovations In Maritime Industry"</p> <p>11:30 <b>Sosuke Nakamura (online)</b> "Development Of Tsunami Fragility Curve Using Remote Sensing and Multi-Scale CFD Simulation"</p> <p>12:00 <b>Christine Dane Garcia (online)</b> "The Effectiveness of Online Classes in Maintaining the Academic Competency of MAAP Midshipmen Fleet"</p>	<p>11:00 <b>Patrycja Boratynska and Kacper Malinowski</b> "Trend, New Technology and Future Outlook"</p> <p>11:30 <b>John Cullen (online)</b> "Predictors of Fatigue-Related Maritime Accidents in Canadian Waters"</p> <p>12:00 <b>Tamaz Svanishvili (online)</b> "Autonomous Ships – Future of The Maritime Shipping"</p>
12:30	Lunch	
	Session IAMUS-3 (A)	Session IAMUS-3 (B)
	<b>Main Library 2<sup>nd</sup> Floor (A)</b>	<b>Main Library 3<sup>rd</sup> Floor (B)</b>
14:00 – 15:30	<p>14:00 <b>Miral M. Armanious, Khaled Hazzaa, and Abia Eid</b> "Egyptian Classification Society"</p> <p>14:30 <b>Kim Lawrence Galvan (online)</b> "Effectiveness Of E-Learning in Navigation 7: Voyage Planning"</p> <p>15:00 <b>Cole Long (online)</b> "Women in Marine Industries: The Importance of Female Leadership"</p>	<p>14:00 <b>Abraham Noel</b> "A Hybrid Approach to Optimizing Ship Performance Using Convolutional Neural Network and Principal Component Analysis"</p> <p>14:30 <b>Emily Walsh (online)</b> "Cold Exposure in Maritime Industries: A Scoping Review"</p>
16:00 – 17:00	Session IAMUS-4	Main Library 2nd Floor
	<p>Conclusion, Q &amp; A Session  <b>Capt. Amr Moneer &amp; Mr. Matthew Rooks (online)</b></p>	
17:30	Dinner	
18:45	Bus Shuttle to "City Center" shopping mall (Optional free tour)	
22:30	Buss Shuttle back to the AASTMT	

**Thursday, October 28<sup>th</sup>**

**Location: AASTMT & Four Seasons Hotel**

Time	Event
09:00 – 12:00	Sports Day
12:00 – 13:30	Lunch
14:15	Transfer by Busses to Four Season Hotel
15:00 – 15:30	Coffee Break
	Session 6 (IAMUC + IAMUS) Main Hall
15:30 - 17:00	<p><b>GMP Applications &amp; Human Capacity Building in Maritime Affairs</b>                      Chair: Prof. Takeshi Nakazawa                      Co-Chair: Capt. Mahmoud Al Bawab</p> <p>15:30 <b>Vladimir Loginovsky (online)</b> "Global Maritime Professional: University Course of Risk Assessment - Case Study of Cadets Academic Performance Based on Bloom's Taxonomy"</p> <p>16:00 <b>Graham Benton</b> "The Application of The Global Maritime Professional Framework on An MET Program: A Case Study"</p> <p>16:30 <b>Angelica Baylon &amp; Mohamed Rowihil</b> "Sustainable Development in Maritime Education and Training (SDIMET) Towards Global Maritime Professionals (GMP) Development"</p>
17:00	Coffee Break + IAMUC Posters Presentation
17:30 - 18:00	<p>IAMUC Closing Ceremony                      Prof. Dr. Ismail Abdel Ghafar Ismail Farag, AASTMT President, Head of LEC-AGA21                      Prof. Dr. Takeshi Nakazawa, IAMU Executive Director                      Prof. Dr. Glenn Blackwood, IAMU President</p>
20:30	Gala Dinner

**Friday, October 29<sup>th</sup>**

**Technical Tour (Optional - Free)**

09:00 – 15:00

Technical Tour

For further information on the IAMUS program, kindly visit the conference website via the following link <https://aga21.aast.edu/en/home>.



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