

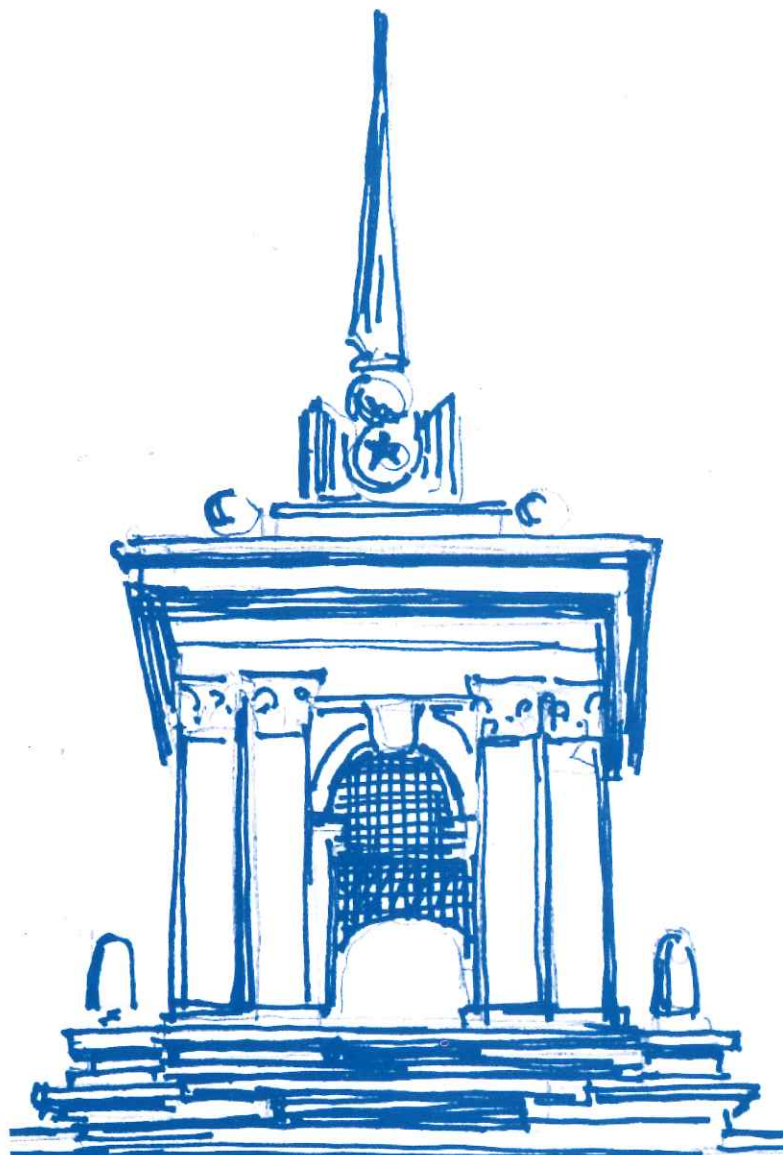
VARNA • BULGARIA

11-13 OCTOBER 2017

IAMU

18TH AGA 2017

ANNUAL GENERAL ASSEMBLY



IAMU

International Association of
Maritime Universities



日本
財団
**THE NIPPON
FOUNDATION**

HOSTED BY



1881

**NIKOLA VAPTSAROV
NAVAL ACADEMY**

Tuesday, 10 October 2017

All day	Registration Registration Desk is located in front of the Conference Halls (second floor) of the Black Sea Hotel.	Black Sea Hotel
1820 - 2130	Welcome dinner The meeting point: Dress Code: Casual	Varna City Gallery Hall Black Sea Hotel Lobby / Odessos Hotel Lobby
1820 - 1830	Welcome photo	Varna City Gallery Hall

Wednesday, 11 October 2017

0900 - 0945	18th AGA Opening Ceremony Participants: IAMU's members Flotilla admiral Prof. DSc PhD Boyan MEDNIKAROV Nikola Vaptsarov Naval Academy , Commandant – Rector Prof. Neil Bose International Association of Maritime Universities (IAMU), Chair Australia Maritime University, University of Tasmania, Principal Mr. Takehiro Umemura (on behalf of H.E. Yohei Sasakawa, Chair of NF) Program Director, Ocean & Maritime Program Planning & Strategy Team Social Innovation Program Division The Nippon Foundation	Black Sea Hotel Conference Hall 3
0945 - 1030	Keynote speeches Participants: IAMU's members Mr. Milhar Fhazhdeen , IMO - Head of Maritime Training and Human Element, Maritime Safety Division Mr. David Schneider , President of Nautical Institute	Black Sea Hotel Conference Hall 3
1030 - 1100	Coffee Break	Black Sea Hotel Lobby
1100 - 1200	President's Forum (Official Delegates Only - Red Pass)	Black Sea Hotel Conference Hall 1
1100 - 1110	Topic: Global Maritime Professional Participants : Official delegates (President/ Rector/ Principal/ Vice-Chancellor/ Dean or Proxy representative of IAMU member universities) Prof. Neil Bose, IAMU, Chair Australia Maritime College, University of Tasmania, Principal	Black Sea Hotel Conference Hall 1
1110 - 1120	Topic: Global Maritime Professional Participants : Official delegates (President/ Rector/ Principal/ Vice-Chancellor/ Dean or Proxy representative of IAMU member universities) Dr. Takeshi Nakazawa , IAMU Secretariat, Executive Director	
1120 - 1200	Open discussion	
1100 - 1200	Simulators exhibitions	Black Sea Hotel Lobby
1200 - 1300	Lunch	Black Sea Hotel Restaurant
1300 - 1430	18th AGA Projects Presentations Participants: IAMU's members	Black Sea Hotel Conference Hall 3
1430 - 1445	Break	

1445 - 1600	18th AGA Plenary Session Participants: IAMU's members	Black Sea Hotel Conference Hall 3
1600 - 1630	Coffee Break	Black Sea Hotel Lobby
1630 - 1700	18th AGA Closing Ceremony Participants: IAMU's members	Black Sea Hotel Conference Hall 3
1830 - 2130	Dinner The meeting point: Dress Code: Casual	"Captain Cook" Fish Restaurant Black Sea Hotel Lobby

Thursday, 12 October 2017

0930 - 1000	IAMU Conference Opening Ceremony	Black Sea Hotel Conference Hall 3
1000 - 1010	Administrative Issue	Black Sea Hotel Conference Hall 3
	PLENARY REPORTS	Black Sea Hotel Conference Hall 3
	Moderator: Flotilla admiral Prof. DSc PhD Boyan MEDNIKAROV Nikola Vaptsarov Naval Academy , Commandant – Rector	
1010 - 1030	An investigation of the skills gap between course learning outcomes of maritime business degrees and onshore employment requirements Shu-Ling Chen , Australian Maritime College, University of Tasmania Jim Parsons , Fisheries and Marine Institute of Memorial University of Newfoundland	
1030 - 1050	Avoiding Collisions At Sea – Pareto Analysis Nicolay Velikov , Nikola Vaptsarov Naval Academy	
1050 - 1110	Unmanned Ships and the Maritime Education and Training Sauli Ahvenjärvi , PhD, Satakunta University of Applied Sciences	
1140 - 1200	"The Body" Matters in Maritime Employment Contracts Momoko Kitada , PhD, Assistant Prof. , World Maritime University - Malmö, Sweden Lise Langåker , PhD, Assoc. Prof. , Western Norway University of Applied Sciences, Campus Haugesund	
1110 - 1140	Coffee Break	Black Sea Hotel Lobby
1200 - 1330	Lunch	Black Sea Hotel Restaurant

IAMU Conference 1st Technical Session

Topic 3: Environmental Protection, Green Industry and Blue Growth	Black Sea Hotel Conference Hall 1
Moderator: Assoc. Prof. Vlado Francic, Faculty of Maritime studies, Rijeka	
1330 – 1345	Operational automatic voltage regulator of ship synchronous generators Todor P. Lazarov, PhD, Hristo A. Milushev , Nikola Vaptsarov Naval Academy
1345 – 1400	An Educational Design for Energy-efficient Ship Handling Signe Jensen, Elin D. Kragesand Hansen , Svendborg International Maritime Academy
1400 – 1415	Principles of creating invariant standards for the functional diagnosis of marine diesel engines Leonid Kovalchuk , Baltic Fishing Fleet State Academy of the Kaliningrad State Technical University
1415 – 1430	Decision Making in Cargo Tank Coatings for Turkish Chemical Tanker Companies Baris Ozsever , Piri Reis University

Friday, 13 October 2017

IAMU Conference 2nd Technical Session

Topic 1 : Education and Training in Maritime Professions, and Support for Seafarers

Black Sea Hotel Conference Hall 1

Moderator: Prof. Kalin Kalinov, Nikola Vaptsarov Naval Academy

- 0830 – 0845 **International master of maritime management studies – how to combine employers, employees and university's interest?**
Peter Ivar Sandell, Ninna Roos , Satakunta University of Applied Sciences
- 0845 – 0900 **Optimization of distance learning in the system of sea specialists' postgraduate training**
Igor Marichev, Admiral Ushakov Maritime State University
- 0900 – 0915 **Distant learning assessment system opportunities for improvement quality of maritime education**
Irina Makashina, Admiral Ushakov Maritime State University
- 0915 – 0930 **Motivation and Restraints of MAAP Midshipmen in Choosing a Maritime Program as Associated with their Academic Performance**
Josefin D. Fajardo III, Maritime Academy of Asia and the Pacific
- 0930 – 0945 **Active Learning in Maritime Education - Lecture in the Classroom**
Yoshiaki Kunieda, Tokyo University of Marine Science and Technology
- 0945 – 1000 **Searching the MET hidden curriculum thru the alumni's beliefs learned outside the STCaW requirements: MAAP-CMU joint study**
Angelica Baylon - Maritime Academy of Asia and the Pacific
Cristina Dragomir - Constanta Maritime University
- 1030 – 1045 **Developing of an Assessment Methodology for a Universal Maritime English Proficiency Test for Deck Officers**
Sonya Toncheva, Daniela Zlateva, Nikola Vaptsarov Naval Academy
- 1045 – 1100 **E-learning environment for self-studies in maritime education and training**
Irina Makashina, Admiral Ushakov Maritime State University
- 1100 – 1115 **In the Spirit of Cooperation: A Before and After Story in Maritime Education**
Bani Ghosh, Massachusetts Maritime Academy
- 1115 – 1130 **The importance of celestial (astronomical) navigation course in maritime education- implementations in Turkey**
Erdal Arli, Kocaeli University Karamürsel Vocational Higher School
- 1130 - 1145 **Oil response in arctic waters- different possibilities to recover oil in icy conditions**
Ninna Roos , Satakunta University of Applied Sciences
- 1145 - 1200 **Innovative methods for qualification improvement of students and young scientists by creating a mobile communications training center**
Georgi Dimitrov, Nikola Vaptsarov Naval Academy

Topic 2 :Sustainable Maritime Transportation Systems

Black Sea Hotel Conference Hall 2

Moderator: Prof. Dr. Vladimir Loginovski –
Admiral Makarov State University of Maritime and Inland

- 0830 – 0845 **Increasing operational efficiency of high speed Ro-Ro vessels via new hull coating technologies**
Hasan Goler , Piri Reis University
- 0845 – 0900 **Maritime Energy Management System (MariEMS) online delivery platform**
German de Melo, Barcelona School of Nautical Studies - Polytechnical University of Catalonia
- 0900 – 0915 **Organization and Integration of Bulgarian national observation and surveillance systems**
Chavdar Alexandrov, Chavdar Minchev, Dimo Dimitrov, Nikola Vaptsarov Naval Academy

- 0915 – 0930 **The York-Antwerp rules 2016 – law and practice from master’s point of view**
Peter Ivar Sandell, Satakunta University of Applied Sciences
- 0930 – 0945 **Design of Theory to Test What Motivates People to take Action Toward Protecting Our Oceans**
Paul Szwed, Massachusetts Maritime Academy
- 0945 – 1000 **Specific aspects of motivation of seafarers**
Dimitar Kanev, Sonya Toncheva, Kamelia Narleva, Venelin Terziev, Nikola Vaptsarov Naval Academy
- 1030 – 1045 **Pay as a determinate of voluntary turnover among U.S. offshore commercial mariners**
Tony Lewis, California State University Maritime Academy
- 1045 – 1100 **Risk assessment, as an interdisciplinary subject**
Vladimir Loginovskiy, Admiral Makarov State University of Maritime and Inland Shipping
- 1100 – 1115 **The seeming contradictions of the interest of the port authorities and investment companies - the driving force for the development of the ports of Gdańsk and Gdynia.**
Bogumil Laczynski, Gdynia Maritime University
- 1115 – 1130 **Traditional navigation in e-Navigation context**
Yuriy Dachev, Avgust Panov, Nikola Vaptsarov Naval Academy
- 1130 - 1145 **Identification of Factors that Contribute to Underutilize of Lifejacket by Fishermen of East Coast of Peninsular Malaysia**
Ahmad Faizal Ahmad Fuad, Universiti Malaysia Terengganu
- 1145 - 1200 **Overview on some political and economic aspects for Bulgaria in the context of the new Eurasian economic corridors**
Boyan Mednikarov, Siyana Lutzkanova, Ivo Yotsov , Nikola Vaptsarov Naval Academy

Topic 1 : Education and Training in Maritime Professions, and Support for Seafarers Black Sea Hotel Conference Hall 3

Moderator: Capt. Agustí Martín, PhD, Universitat Politècnica de Catalunya, Barcelona, Spain

- 0830 – 0845 **Moving the boundaries of MET with High Fidelity ERS Training**
Gholam Reza Emad, Australian Maritime College, University of Tasmania
- 0845 – 0900 **The Accreditation Process: Analysis of the Results and Creating Impact on the Eyes of the Stakeholders**
Josefin D. Fajardo III, Maritime Academy of Asia and the Pacific
- 0900 – 0915 **To enhance maritime cadets their job market compatibility through international cooperation between maritime institutions**
Qi Chen, Massachusetts Maritime Academy
- 0915 – 0930 **International Maritime Management: A distance-education MSc course for nautical officers on board sea-going ships**
Nicolas Nause, Peter John, Elisabeth Klimmek, Jade University of Applied Sciences Wilhelmshaven Oldenburg Elsfleth, Faculty of Maritime and Logistics Studies, Elsfleth
- 0930 – 0945 **The labour market needs based maritime education – Estonian Maritime Education concept**
Anatoli Alop, Roomet Leiger, Estonian Maritime Academy of Tallinn University of Technology
- 0945 – 1000 **21st century Celestial navigation systems**
Yuri Dachev, Avgust Panov, Nikola Vaptsarov Naval Academy
- 1030 – 1045 **Teaching Maritime Leadership to the Millennial Generation and Beyond**
Stephen J. Kreta, Kristen Bloom, California State University Maritime Academy
- 1045 – 1100 **Reshaping maritime universities**
Ergun Demirel, Piri Reis University
- 1100 – 1115 **Improving AIS data reliability**
Svetoslav Sotirov, Chavdar Alexandrov, Nikola Vaptsarov Naval Academy

1115 – 1130	The concept of tracking and monitoring system for sensitive cargoes in the intermodal transportation Ireneusz Czarnowski,, Gdynia Maritime University	
1130 - 1145	Maturing the IAMU using Benchmarking Results Paul Szwed , Massachusetts Maritime Academy Matthew Rooks, Kobe University, Graduate School of Maritime Sciences Boris Svilicic, University of Rijeka, Faculty of Maritime Studies	
1145 - 1200	Analytic comparison of different mooring systems Ali Cem Kuzu, Piri Reis University	
1000 - 1030	Coffee Break	Black Sea Hotel Lobby
1200 - 1330	Lunch	Black Sea Hotel Restaurant
1330 - 1345	Transportation from Black Sea Hotel to NVNA Participants: All participants excl. IAMU stutents The meeting point:	Black Sea Hotel Lobby
1345 - 1445	NVNA Technical Tour Participants: All participants excl. IAMU stutents	NVNA Campus
1445 - 1500	Official Photography in front of NVNA Participants: All participants	NVNA Main Entrance
1500 - 1530	Transportation from NVNA to Black Sea Hotel The meeting point:	Flag Square
1530 - 1600	Coffee Break	Black Sea Hotel Lobby
1600 - 1700	Specially Selected Student Presentations Moderator: Assoc. Prof.Matthew Rooks, Kobe University, Graduate School of Maritime Sciences	Black Sea Hotel Conference Hall 3
1700 - 1730	IAMUC and IAMUS Closing Ceremony Participants: All participants	Black Sea Hotel Conference Hall 3
1830 - 2200	Gala Dinner The meeting point: Dress Code: Casual	Horizont Complex Black Sea Hotel Lobby

Saturday, 14 October 2017

0900 - 1600	Technical tour of cape Kaliakra and Balchik The meeting point:	Black Sea Hotel Lobby
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Technical Tour of AGA 2017 - OCTOBER 14, 2017

Kaliakra cape, Palace and Botanical Garden – Balchik

Visiting Places:

“Kaliakra” Archeological and Natural Reserve



The Kaliakra Natural Reserve is one of the most beautiful reserves on the Bulgarian Black Sea coast.

In 1941, Kaliakra became one of the first protected areas in Bulgaria. In 1966, it was declared a Natural Reserve; since 2003 it is also an Archaeological Reserve. In archaeological terms, Cape Kaliakra is a classic antiquity and medieval fortified center, capital of the Despotate of Dobrudzha of the Second Bulgarian Kingdom and the residence of Despot Dobrotitza.

Today „Kaliakra” Reserve is one of the 100 National Tourist Sites.

Due to its natural protection provided by the high and steep shores and its strategic position, the place has been inhabited since ancient times. In the second half of the 4th c. BC here was found-



ed the Thracian fortified town Tirizis. In late antiquity (4th – 6th c.), the settlement on Cape Kaliakra, at this time already known as Acre, achieved significant territorial expansion.

The precipitate progress of the medieval town Kaliakra however, is largely associated with the 14th c., when it became the capital of the Despotate of Dobrudzha. The written sources and the epigraphic monuments provide evidence of an active religious life. At the Citadel, home of the Despot, rose a magnificent church building, of which almost no traces are left today. In the outer city there were several neighborhood churches, the remains of four of which were discovered during archaeological excavations. All of them burned down during the conquest of Kaliakra by the Ottoman Turks at the end of 14th century. In 1791 off the coast of Kaliakra raged the largest naval battle in the Black Sea, in which the Russian squadron led by Admiral Ushakov defeated the otherwise superior Turkish armada.



The name of the cape is associated with many legends. The most famous of them tells the story of 40 Bulgarian girls who, in order to escape the Turkish



invaders, plaited their hair together and jumped into the depths of the sea. Today, at the beginning of the cape rises an obelisk called the “Gate of the 40 maids”.

Where: “Kaliakra” Natural and Archeological Reserve is located at 72 km in north direction from Varna.

Palace and Botanical Garden – Balchik

The palace and the botanical garden in Balchik, joined in an architectural and park complex, are a piece of heaven on earth and a must-see tourist attraction on the Bulgarian Black Sea coast.

The complex appeared as a summer residence of the Romanian queen Maria (1875-1938).



The palace was designed by Italian architects and construction works started in 1924.

The architectural design combines Proto-Bulgarian, Gothic, Oriental and Moorish elements. Many gardens are created, which also bear the impact of different cultures, styles and beliefs. The credit for this eclectic style should be given to the queen – a follower of the Baha’i religion that praises equality between religions and unity of God, of faith and of the whole human race.



The residence was completed in 1936; Queen Maria died two years later.

As part of the residence, in 1926 the Swiss botanist Jules Jani designed and built a park complex. Twenty nine years later, the Sofia University “Saint Kliment Ohridski

“ created at this place a botanical garden with an area of 65 decares. Today, it has more than 2 000 plant species from 85 families and over 800 genera. The collection of palm-trees, for example, includes 33 species, some of which more than 50 years old. Here you can see rare and exotic trees such as rubber tree, oriental raisin tree, paper mulberry, red juniper, ancient Ginkgo biloba, evergreen magnolia, etc. Of Interest is also the Metasequoia, which was considered extinct until during a scientific expedition in China a Bulgarian scholar found a living plant. The garden is world famous for its unique collection of large-sized cactuses, which is the second of this kind in Europe after the one in Monaco.





NIKOLA VAPTSAROV NAVAL ACADEMY

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LEGEND:

1. Central building, Rector's Office
2. Engineering Faculty building
3. Navigation Faculty building
4. Technology of Shiprepair Department
5. Physical Training facilities
6. Sport Hall
- 7-8-9. On-campus Dormitory (West, North, East)
10. Academic workshop
11. Mess Hall
12. Medical Center
13. Vaptsarov Hall
14. Planetarium
15. Bulgarian Maritime Training Centre, Post Office

MAP



LEGEND

- | | | | |
|--|-----------------------------------|--|--|
| | TOURIST INFORMATION CENTER | | MUSEUMS |
| | Hotel | | 1 Archaeological Museum |
| | Parking lot | | 2 Roman Thermal Baths 2 nd , 3 rd AD |
| | Hospital | | 3 Roman Thermal Baths 4 th , 5 th AD |
| | Swimming Pool | | 4 Ethnographic Museum |
| | Petrol Station | | 5 Museum of Revival |
| | Market | | 6 Museum of Varna History |
| | Orthodox Church | | 7 Museum of Medical History |
| | Catholic Church | | 8 Naval Museum |
| | Mosque | | THEATRES & OPERA |
| | BUS STOP | | 1 St. Bachvarov Drama Theatre |
| | | | 2 Varna Opera |
| | | | 3 Puppet Theatre |
| | | | 4 Festival and Congress Centre |
| | | | 5 Open-air Theatre |
| | | | GALLERIES |
| | | | 1 City Art Gallery Boris Georgiev |
| | | | 2 Gallery Georgi Velchev |



MAP OF VARNA

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