

16-17-18th of May, 2024

HIMAT-24

“International
Symposium on The
History of Maritime
Technology” Program



JAPAN
TÜRKİYE
100TH
ANNIVERSARY
OF DIPLOMATIC RELATIONS

ORGANIZERS





Tokyo University of Marine Science and Technology,
and Piri Reis University, with cooperation of Research
Salon for History of Maritime Technology in Japan and
Maritime History Research Center of Piri Reis
University in Türkiye

SUPPORTER



“International Symposium on The History of Maritime Technology” Program

		HIMAT-24 May 16, 2024 Piri Reis University Sea Campus, B Block (Program Presenter: Dilara Narin)	
09:00-09:30		Registration	
09:30-09:45		Opening Ceremony Performer :.....	
09:45-10:35		Welcome Speeches and Exchange of the Messages and Plaques Between Japan and Türkiye	
09:45-10:35	09:45-10:10	Protocol Speeches	
	10:10-10:20	Prof. Kuniaki SHOJI (Symposium Chairman)	
	10:20-10:25	Vice-Consul Mr. Takeshi NOMURA	
	10:25-10:35	Exchange of the Messages and the Plaques Between Japan and Türkiye (Prof. Kuniaki SHOJI and Prof. Nafiz ARICA)	
KEYNOTE SPEAKER (Rıdvan Kartal Conference Hall)			
Prof. Shogo HAYASHI			
10:35-11:05	From Sundials to Atomic Clocks: The Evolution of Timekeeping that Broadened the World		
KEYNOTE SPEAKER (Rıdvan Kartal Conference Hall)			
Prof. İdris BOSTAN			
11:05-11:35	Ottoman Shipyards		
11:35-11:50	Coffee Break		

11:50-13:00	First Session HISTORY OF MARITIME NAVIGATION (Rıdvan Kartal Conference Hall)	
11:50-13:00	Session Chair: Prof. Kuniaki SHOJI	
	Prof. Yoshiaki KUNIEDA (Online)	Sailing Performance of Tall Ships
	Prof. Shogo HAYASHI	Navigation Technology of the Future: How Far Have We Come Since 40 Years Ago, and What Lies Ahead?
	Prof. Adam WEINTRIT	A Brief Review of the History of Marine Navigation Charts from Ancient Times to the Present Day
13:00-14:00	Lunch	
14:00-15:30	Second Session HISTORY OF SUBMARINE CONSTRUCTION (Seminar A)	
14:00-15:30	Session Chair: Prof. Funda YERCAN	
	Asst. Prof John LITTLEFIELD	The American Civil War Era "David" Semi-Submersible Torpedo Boat and Its Ilk
	Rear Admiral (Ret.) Prof. Nurhan KÂHYAOĞLU	WH (What, Where, When, Who, Why, How) Questions and Answers for MILDEN
	Asst. Prof. Münir Cansın ÖZDEN	Milestones in Submarine Design
	Assoc. Prof. Betül SARAÇ & Research Assist. Aleyna ULUCUTSOY	Supercavitation Torpedoes
14:00-15:30	Third Session HISTORY OF MARITIME NAVIGATION (Rıdvan Kartal Conference Hall)	
14:00-15:30	Session Chair: Prof. Recep YÜCEL	
	Prof. Tuncay ZORLU & Asst. Prof. Sinan TEKİN (Online)	John Harrison's Chronometers for Finding Longitude at Sea and Its Replacement of Nevil Maskelyne's Lunar-Distance Method
	Asst. Prof. Sinan KARAKURT	Navigating History: Bibliometric Analysis of Maritime Technology Evolution
	Assoc. Prof. Yasemin NEMLİOĞLU	Ship and Navigation Technology in Kitab-ı Bahriye
15:30-16:00	Coffee Break	

16:00-17:30	Fourth Session HISTORY OF SHIPYARDS AND SHIPBUILDING (Seminar A)	
16:00-17:30	Session Chair: Rear Admiral (Ret.) Prof. Nurhan KÂHYAOĞLU	
	Assoc. Prof. Evren MERCAN	Forgoing the Path to MILGEM: The Building of TCG BERK and TCG PEYK
	Rear Admiral R. Erdinç YETKİN	Global Technology and National Solution: The History of Istanbul Naval Shipyard and Its Role in the Shipbuilding Sector
16:00-17:30	Fifth Session MISCELLANEOUS MARITIME HISTORY (Rıdvan Kartal Conference Hall)	
16:00-17:30	Session Chair: Prof. Shogo HAYASHI	
	Prof. Şenay ÖZDEMİR GÜMÜŞ	Divers and Employment Areas in Ottoman Maritime Affairs
	Prof. Kuniaki SHOJI	Lowering Lifeboats and Saving Lives in Case of a Ship's Disaster
	Prof. Zurab BEZHANOVI & Prof. Mzia DIASAMIDZE	History and Development of Georgian Maritime Education and Training
	Mr. Selçuk KOLAY	Locating and the Future of AE2
18:00-19:30	Welcome Dinner	



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(Program Presenter: Dilara Narin)



KEYNOTE SPEAKER
(Rıdvan Kartal Conference Hall)

Prof. İsmail Hakki HELVACIOĞLU

09:30-10:15	Prof. İsmail Hakki HELVACIOĞLU	Key Contributions of Japan in Shipbuilding After the World War II
	Asst. Prof. Saim Turgut KOÇAK	
10:15-11:00	Sixth Session-Part I HISTORY OF MARINE ENGINEERING (Rıdvan Kartal Conference Hall)	
10:15-11:00	Session Chair: Prof. Seigo HASHIMOTO	
	Prof. Yutaka EMI (Online)	Marine Engineers' Tasks and Technology in Engine Room Seen from Historical Perspective
	Prof. Seigo HASHIMOTO	Key Innovations on Diesel Engine and Monitoring System in the 20th Century
11:00-11:20	Coffee Break	
11:20-12:00	Sixth Session-Part II HISTORY OF MARINE ENGINEERING (Rıdvan Kartal Conference Hall)	
11:20-12:00	Session Chair: Prof. Seigo HASHIMOTO	
	Asst. Prof. Nazmi ÇEŞMECİ	Historical Development of Greenhouse Gas (GHG) Emissions in Shipping Industry and Future Perspective
	Prof. Takashi MIWA	A Review of Technology Transitions for the Next Generation of Maritime Education
12:00-13:00	Visiting the Simulators	
13:00-14:00	Lunch	

14:00-15:30	Seventh Session HISTORY OF SHIPYARDS AND SHIP BUILDING (Seminar A)	
	Session Chair: Prof. Adam WEINTRIT	
14:00-15:30	Asst. Prof. Li MINGYANG	How Did China Independently Build Its First 10,000-ton-class Ship?
	Asst. Prof. Bruno CIANCI	R.N. Puglia: A Regioni-Class Protected Cruiser Around the World (1898-1923)
	Prof. Ali Fuat ÖRENÇ	Innovations and Transformation in the Ottoman Navy During the Reign of Sultan Mahmud II (1808-1839)
14:00-15:30	Eight Session MISCELLANEOUS MARITIME HISTORY (Seminar B)	
	Session Chair: Prof. Ergün DEMİREL	
14:00-15:30	Assoc. Prof. Capt. Yogesh Chandralal SHAH (Online)	Navigating the Tides of Time: A Historical Odyssey of Maritime Technology
	Prof. Ali DENİZLİ and Prof. Recep YÜCEL	Innovative and Creative Technologies Used by Ukraine in Maritime Based on Maritime History
	PhD. Ayşe GAZİHAN	Navigating Through Time: History of Modelling and Simulation in Maritime
15:30-15:50	Coffee Break	
15:50-17:30	Ninth Session MISCELLANEOUS MARITIME HISTORY (Rıdvan Kartal Conference Hall)	
	Session Chair: Asst. Prof. Nazmi ÇEŞMECİ	
15:50-17:30	Asst. Prof. Oleksii (Alexey) DROZHZHYN and Asst. Prof. L. ZABORSKYI (Online)	The “Liner Shipping”: Definition Development in a Historical Context
	Asst. Prof. Kiraz PERİNÇEK KARAVİT	Maritime Aspirations Near the Eurasian Pole of Inaccessibility: Cave of the Seafarers (ca.500)
	Res. Asst. Bahri ÖZEL	Timekeeping in the Ottoman Fleet’s Mediterranean Logbook, 1775-1779
17:30-17:45	Closing Remarks Conference Chairman Admiral (Ret.) Metin ATAÇ	



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May 18, 2024



FREE TIME