

2nd East Asia International Student Symposium on Maritime Sciences (EAISS 2012)

November 21 (Wed) - 22 (Thu) , 2012

Program

November 21 (Wed)

9:30-9:45 Opening Ceremony in Umeki Y Hall

9:45-11:40 Oral Session

	A: Marine Engineering	B: Maritime Transport Science and Others
	Umeki Y Hall	Umeki N Hall
Chairperson	Yuichiro KENO, Hyung-Sup IM	Rie AKAI, Andrew Pradana Putra
9:45	A1-1: Research on Energy Efficiency Design Index and Marine Engineering Energy Saving Technology Weizhi CHEN (Shanghai Jiao Tong University)	B1-1: A Study of Building the Second Channel for Yangshan Port in the Context of the Developing of the Shanghai International Shipping Centre Yifan SHI (Shanghai Jiao Tong University)
10:05	A1-2: Post Treatment of Exhaust Gas Emissions from Vessels by Electrolysis of Seawater Tadasu FURUKAWA (Kobe University)	B1-2: Effects of the Optimal Non-Queuing Toll Scheme on Bulk Carriers at a Busy Port Chin-Lin WU (National Taiwan Ocean University)
10:25	A1-3: Exploring the Diesel Engine Virtual Reality Technology Based on the 3Dvia Vrtools Dingyu JIANG (Dalian Maritime University)	B1-3: LNG Supply Chain Design: A Case Study of Mini LNG Plant Construction in Batam Island and the Transportation System Erwin Paulian Sihombing (Institute of Technology, Surabaya)
10:45-11:00	Break	
Chairperson	Ping-Chen WU, Ai-Lin YU	Sotaro ONISHI, Hye-Ri PARK
11:00	A1-4: 3-D Dynamic Responses of a Cantilevered Marine Pipe with a Nozzle Shuai MENG (Kyushu University)	B1-4: Improving Airport Service Quality: A Case Study of Kaohsiung International Airport Hung-Chun LIN (National Kaohsiung Marine University)
11:20	A1-5: Effects of Asymmetric Inflow on Internal Flow in Diesel Injector Nozzle Tsuyoshi TOMISAKA (Kobe University)	B1-5: Optimization on the Container Loading Sequences Based on Hybrid Dynamic Programming Zhan BIAN (Dalian Maritime University)

15 min for presentation and 5 min for discussion

11:40-13:00 Lunch Time

13:00-15:35 Oral Session

	A: Marine Engineering	B: Maritime Transport Science and Others
	Umeki Y Hall	Umeki N Hall
Chairperson	Emel TOKGOZ, Ji-In PARK	Kenji HAMADA, Jeong-Rok KIM
13:00	A1-6: Cavitation in a Cylindrical Nozzle of Fuel Injector Raditya Hendra Pratama (Kobe University)	B1-6: Study to Improve the Life of Crews in Coastal Ships through Additional Onshore Crews Rie AKAI (Kobe University)

13:20	A1-7: Numerical Models on Cavitation in Fuel Injector Yusuke KINUGAWA (Kobe University)	B1-7: Optimization of Fleet Decision and Speed Operation of Container Ships in Liner Shipping Company Andrew Pradana Putra (Institute of Technology, Surabaya)
13:40	A1-8: Numerical Simulation of Microbubble - Shock Wave Interaction in Ballast Water Hideaki KITAGAWA (Kobe University)	B1-8: A Simplest Adapted Approach to Solving Practical Great Circle Sailing Bin-Fang LIU (National Taiwan Ocean University)
14:00	A1-9: Improvement of Separation Efficiency at Low Velocity Region of Liquid Cyclone Separator Kimie MATSUO (Tokyo University of Marine Science and Technology)	B1-9: Experimental Study on the Embedding Motion of Anchor According to Initial Position Jin-A LEE (Kunsan National University)
14:20-14:35	Break	
Chairperson	Takayoshi TSUKAMOTO, Weizhi CHEN	Yasuhiro KONDA, Bin-Fang LIU
14:35	A1-10: Measurements of 3D Velocity Distribution inside Helical-Type Seawater MHD Power Generator Using Five-Hole Pitot Tube Yoshifumi TAKIMOTO (Kobe University)	B1-10: Current Direction and Speed Observations by Three ADCP Types in Toyama Bay Kenji HAMADA (Toyama National College of Technology)
14:55	A1-11: Photographic Study on Pool Boiling Heat Transfer and Critical Heat Flux on a Horizontal Cylinder in a Pool of Subcooled Water for Wide Ranges of Pressures Min Han Htet (Kobe University)	B1-11: The Study for Position and Signal Power of Antenna on the Construction of P.N.T Service System in Korea Jeong-Rok KIM (Korea Maritime University)
15:15	A1-12: Study on Forced Convection Transient Heat Transfer for Helium Gas Flowing over Horizontal Heaters Zhou ZHAO (Kobe University)	B1-12: A Study on the Analysis of Management and Improvement Method of Korea West Sea's Aids to Navigation AIS Hye-Ri PARK (Korea Maritime University)

15 min for presentation and 5 min for discussion

15:35-15:50 Break

15:50-16:50 Poster Session

	Umeki Hall
	P1-1: The Basic Design of the Power Generator Using the Surface Tide and Microgrid System Concept of the Kamijima Town Kyosuke MATSUSHITA (Yuge National College of Maritime Technology)
	P1-2: Electric Drive System of Our Small Boat "YUGEDENMARU" Hiromu MATSUOKA (Yuge National College of Maritime Technology)
	P1-3: Simulation on Disturbance Characteristics of Marine Diesel Engine with Wing-Assisted System Liangzhong HUANG (Dailian Maritime University)
	P1-4: Introduction of Kunsan National University Myoung-Jun KIM (Kunsan National University)
	P1-5: Coupled Torsional-and-Lateral Vibrations of a Propulsive Shafting System Ai-Lin YU (National Kaohsiung Marine University)
	P1-6: Improving Airport Service Quality: A Case Study of Kaohsiung International Airport Hung-Chun LIN (National Kaohsiung Marine University)
	P1-7: Introduction of the Merchant Marine System Engineering Laboratory Bin-Fang LIU (National Taiwan Ocean University)
	P1-8: Introduction of the Transportation Economics Laboratory Chin-Lin WU (National Taiwan Ocean University)

16:50-17:00 Closing Remarks in Umeki Y Hall

November 22 (Thu)

9:00-11:35 Oral Session

	A : Marine Engineering	B : Maritime Transport Science and Others
	Umeki Y Hall	Umeki N Hall
Chairperson	Raditya Hendra Pratama, Dingyu JIANG	Kimie MATSUO, Zhou ZHAO
9:00	A2-1: Propulsion Control for Water Jet Electric Boats Kohsuke TOKUICHI (Tokyo University of Marine Science and Technology)	B2-1: Experimental Investigation of Ice Making as a Static Ice Making Type for Ice-on-Coil Hyung-Sup IM (Kunsan National University)
9:20	A2-2: A Study on the Control of VCM by Optimal Control Algorithm Jinman KIM (Mokpo National Maritime University)	B2-2: Manufacture of Capacitance-Type Densimeter for Slush Nitrogen and Its Evaluation Sotaro ONISHI (Kobe University)
9:40	A2-3: Coupled Torsional-and-Lateral Vibrations of a Propulsive Shafting System Ai-Lin YU (National Kaohsiung Marine University)	B2-3: An Experimental Study on Methane Fermentation Using Marine Biomass Yuichiro KENO (Osaka Prefecture University)
10:00	A2-4: A Basic Study on Vibration-based Condition Monitoring of Wind Power Junseong KIM (Mokpo National Maritime University)	B2-4: Fretting Wear Properties of DLC Film Coated on Stainless Steel - Properties and Improvements in Seawater- Yasuhiro KONDA (Tokyo University of Marine Science and Technology)
10:20-10:35	Break	
Chairperson	Hideaki KITAGAWA, Min Han Htet	Yusuke KINUGAWA, Shuai MENG
10:35	A2-5: Revisit of Multipole Expansions with Boundary Element Method Young -Myung CHOI (Pusan National University)	B2-5: Added Resistance and Phase Averaged Wake Field of KVLCC2 Model Ship in Waves Ping-Chen WU (Osaka University)
10:55	A2-6: Tsunami Simulation Code Based on the Finite Volume Method Takayoshi TSUKAMOTO (Kobe University)	B2-6: A New Method to Predict the Propeller Body Force Distribution for Modeling the Propeller in Viscous CFD Code without Potential Flow Code Emel TOKGOZ (Osaka University)
11:15	A2-7: A Numerical Simulation of Tsunami Force Acting on Floating Structure near Quay Using Particle Method Ji-In PARK (Pusan National University)	B2-7: On an Integro-differential Equation with Hilbert's Kernel for Surface Elevation of 3D Wave Field Shinpei SUGIMORI (Osaka University)

15 min for presentation and 5 min for discussion

11:35-13:00 Lunch Time

13:00-15:00 Technical Tour

15:00-15:30 Break

15:30-18:00 Culture Exchange Program by Students

18:00-18:50 Go to Haborland

19:20-19:30 Awarding and Closing Ceremony

19:30-21:00 Banquet on Board, Concerto Cruising