

Oral Session by Academic Staff Participants

Program

Future Direction of Marine Engineering & Maritime Transport Science

November 21

13:00-13:10 **Introduction**

Session A Marine Engineering

Chairperson:

Qiusheng LIU (Kobe University)

Weijing ZHANG (Shanghai Jiao Tong University)

Time	Name of Presenter	Title
13:10-13:25	Weijing ZHANG Shanghai Jiao Tong University	Study on Marine Central Cooling System Energy-Saving Methods
13:25-13:40	Lianzhong HUANG Dalian Maritime University	Simulation on Disturbance Characteristics of Marine Diesel Engine with Wing-Assisted System
13:40-13:55	Taek-Kun NAM Mokpo National Maritime University	A Study on the Control of Chained Systems
13:55-14:10	Purwono Fitri SUTOPO Institute of Technology, Surabaya	Thermosyphon Model for Power Electronic Cooling Onboard All Electric Ships (AES)

14:10-14:20 Break

14:20-14:35	Myoung Jun KIM Kunsan National university	Study on the PV Driven Dehumidifying System with Oyster Shell and Thermoelectric Device
14:35-14:50	Tokihiro KATSUI Kobe University	Estimation of Moving Capability of the Crawler Driven ROV with Aid of CFD
14:50-15:05	Tomohisa DAN Kobe University	Utilization of Liquefied Dimethyl Ether for Promoting Better Combustion in Ship Deisel Fuel

15:05-15:10 Break

Session B Logistics Sciences and Shipping Management

Chairperson:

Mikio TAKEBAYASHI (Kobe University)

Chao-Kuang HSUEH (National Taiwan Ocean University)

Time	Name of Presenter	Title
15:10-15:25	Yi-Chih YANG National Kaohsiung Marine University	Comparison among Competitive Advantage of National Commercial Fleet of Taiwan, Japan and Korea Based on Grey Relational Analysis
15:25-15:40	Chao-Kuang HSUEH National Taiwan Ocean University	A Simulated Annealing Algorithm for Solving the Container Stuffing Problem
15:40-15:55	Mikio TAKEBAYASHI Kobe University	A Brief Introduction of “Bi-Level Approach” for Air and Maritime Transport Markets

15:55-16:00 Closing Remarks