

**Advanced Maritime Engineering Conference 2016 of
Pan Asian Association of Maritime Engineering Societies (PAAMES)**

Green and Sustainable Development in Shipping and Engineering

13 -14 October 2016

The Hong Kong Jockey Club, Happy Valley Racecourse, Sports Road, Hong Kong

Tentative Programme Rundown

DAY 1 - PM (13 October 2016)	
Keynote Session	
Venue: 6/F Happy Valley Stand, Happy Valley Racecourse	
1330 ~ 1340	Welcome Speech Dr David Koo, Hon. President of The Hong Kong Institute of Marine Technology and Chairman of 7th PAAMES
1340 ~ 1400	Opening Address by Guest of Honour Professor Anthony Cheung Bing-leung, Secretary for Transport and Housing, The Government of the HKSAR
1400 ~ 1410	Souvenir Presentation
Keynote Speeches	
1410 ~ 1430	Professor Zhang Shengkun President of Shanghai Society of Naval Architects and Ocean Engineers, China
1430 ~ 1450	Mr. Mok Wai-chuen, JP Assistant Director (Air Policy), Environmental Protection Department, Hong Kong
1450 ~ 1510	<i>Coffee Break</i>
1510 ~ 1530	Dr Tomoji Takamasa President of The Japan Institute of Marine Engineering, Japan
1530 ~ 1550	Professor Jae-Sung Choi President of Korea Society of Marine Engineering, Korea
1550 ~ 1610	Dr Jane Smallman President of The Institute of Marine Engineering, Science and Technology, United Kingdom
1610 ~ 1620	Souvenir Presentation
1620 ~ 1645	Group Photo for all Participants
1800 ~ 2100	Welcome Reception for PAAMES Representatives, Sponsors, Supporting Organisations and Invited Guests Venue : Hong Kong Maritime Museum, Central Pier No. 8, Hong Kong

DAY 2 - AM (14 October 2016)				
0800 ~ 0900				
Registration				
Venue: 6/F Happy Valley Stand, Happy Valley Racecourse				
Parallel Session				
Session Theme	Offshore Facilities and Energy from Ocean	Energy and Engine	Ship Design (Ship & Floating Platform; Material; Propulsion; Manoeuvring; Renewable Energy)	Port Management; Ship Operation; Safety and Environment
0900 ~ 0920	Escape & Evacuation Time Evaluation with MINLP for Offshore Platform and Utilization of the Optimum Configuration <i>In-chul Jung, Chongmin Kim, Jaehoon Lee, Giltae Roh</i> <i>Korean Register of Shipping, Korea</i>	Study of Regulated and Unregulated Emissions of Marine Engines Fueled with Liquefied Natural Gas (LNG) <i>Meisam Ahmadi Ghadikolaei, Chun Shun Cheung, Ka-Fu Yung</i> <i>Hong Kong Polytechnic University, Hong Kong</i>	Automatic Design Optimization of Ship Hull Form Based on Parametric Hull Form <i>Lan Lin-qiang, Luo Wei-lin</i> <i>School of Mechanical Engineering and Automation, Fuzhou University, China</i>	Discussion on Shipping and Safety at Xiluodu Reservoir in the Lower Reaches of the Jinsha River <i>Ping NING</i> <i>Shipping & Ship Engineering College, Chongqing Jiaotong University, China</i>
0920 ~ 0940	Investigation of Lightweight Design for Novel Slewing Support of Large Floating Crane <i>Yaohai Sui-Zhenhua Wangxin Yanbing Wang-Wentao</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	A Study on Combined Back Propagation with Self Organization Map for Marine Fuel Consumption Prediction Model <i>Chongmin Kim, In-chul Jung and Sang-ick Lee</i> <i>Korean Register of Shipping, Korea</i>	A Green and Environmental Friendly Ship <i>T.K. Cheung</i> <i>KEE Marine Service & Consultant Ltd. Hong Kong</i>	Build a Dream for Green bay <i>Gu Siyi</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>

0940 ~ 1000	A Numerical Study on a Floating Multi-Point-Absorber Wave Energy Converter including Power Take-off System <i>Sung-Jae Kim, Weoncheol Koo</i> <i>Department of Naval Architecture and Ocean Engineering, Inha University, Incheon, Korea</i>	Low-pressure Dual-Fuel Engines – Greener Shipping starts now <i>Daniel Strödecke</i> <i>Winterthur Gas & Diesel Ltd., Hong Kong</i>	The Application of Numerical Simulation on Selection of Different Hull Line Schemes in the Design Phase <i>Fan Yang, Guoxiang Dong, Hao Chen</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Multi-dimensional Imagination of Quayside Green Engineering <i>Cheng Guangen</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>
1000 ~ 1020	Analysis of Loads and Response of Fixed and Floating Structures in Fully Nonlinear Waves Based on Numerical Wave Tank <i>Xudong CHEN, Siqi GU, Renqing ZHU</i> <i>Jiangsu Society of Naval Architects and Marine Engineers, China</i>	Numerical Study of a Permanent Magnet Linear Generator for Ship Motion Energy Conversion <i>Faisal Mahmuddin</i> <i>Marine Engineering Department, Engineering Faculty, Hasanuddin University Makassar, Indonesia</i>	The Study of Anti-explosion Performance on the Structure of Cargo Hold for CNG Carrier <i>Yifeng Guan, Shichao Zhao</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Safe Port Promise by Charterers: Rethinking Outstanding Complications <i>Choi Wai Bridget YIM</i> <i>City University of Hong Kong, Hong Kong</i>
1020 ~ 1040	Experimental Research on Motion Response and Mooring Characteristics of Heavy-load Floating Platform near a Reef Island <i>Zhidong Wang, Hongjie Ling, Jun Ding, Ziwei, Zhenqiu Yao</i> <i>Jiangsu Society of Naval Architects and Marine Engineers, China</i>	Economic Analysis of Exhaust Gas Heat Recovery System from Marine Diesel Engine <i>TBC</i> <i>Japan Institute of Marine Engineering, Japan</i>	Strength and Fatigue Assessment of VLGC with Direct Wave Load Analysis <i>CHEN Jianping, Gu Yunfei, Li Xiaoling</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Case Representation for Computer Aided Calibration Process Planning <i>Dr. Francis Seung Yin Wong, Dr. Kong-Bieng Chuah, Prof. K. Venuvinod Patri,</i> <i>City University of Hong Kong, Hong Kong</i>
1040 ~ 1100	<i>Coffee Break</i>			
1100 ~ 1120	Research on Body Structural Lectotype of New-type Floating LiDAR Buoy <i>Yang-yang Xue, Pei-lin Dou, Gang Chen</i> <i>Jiangsu Society of Naval Architects and Marine Engineers, China</i>	DME Blended Fuel Combustion in Diesel Engine with variation of Sulfur Fraction in Fuel <i>Kiminobu Yoshimura, Takaaki Tanaka, Tomohisa Dan, Ichiro Asano</i> <i>Japan Institute of Marine Engineering, Japan</i>	Structural Response of Polar Class LEG Carrier Under Ice-breaking Induced Sloshing Load <i>Gu Jinlan, Qin Bin, Li Xiaoling, Chen Jianping, Zheng Fan</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Emission Estimation of Air Pollutants from Ships in Japan Regions <i>Takeshi YOKOI, Hideyuki SHIROTA</i> <i>Japan Institute of Marine Engineering, Japan</i>
1120 ~ 1140	Research on Hydrodynamic Performance of Heavy-load Floating Platform near a Reef Island <i>Hongjie Ling, Zhidong Wang, Fang Wang</i> <i>Jiangsu Society of Naval Architects and Marine Engineers, China</i>	Combustion Analysis of Blend Fuel Consist of Jatropha Oil and Gas Oil in Diesel Engine <i>Hideki Tanaka, Wataru Hiraoka, Tomohisa Dan, Ichiro Asano</i> <i>Japan Institute of Marine Engineering, Japan</i>	Analysis on the Structure of Wooden Ships with Special Modeling <i>Yifeng Guan, Jie zhao</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Improving safe working practices and work confidence of Marine Engineers <i>Takashi Miwa, Wu Yanbin, Gamini Lokuketagoda, Makoto Uchida</i> <i>Japan Institute of Marine Engineering, Japan</i>
1140 ~ 1200	Structural Analysis of Aluminum Helideck for Offshore <i>Chanuk Ryu, Joohyoung Choi, Jaesang Jo, Jeonghwan Kim, Jeongryul Kim</i> <i>KOMERI, Korea</i>	Combustion of Ethanol Mixed Gasoline Outboard Spark Ignition Engine <i>Toru Hayakawa, Sho Nakai, Tomohisa Dan, Ichiro Asano</i> <i>Japan Institute of Marine Engineering, Japan</i>	Experimental Studies on Sloshing in a Type-B Tank <i>Zhimei Lu, Sujun Yang, Yongshun Wu, Dajian Wang</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Investigation of Accident of Korean Ferry “Sewol” <i>Mariko Yamashita and Kazuhiko Hasegawa</i> <i>JASNAOE, Japan</i>
1200 ~ 1220	Study of Loads and Response on Flexible Riser in Numerical Tank Combined with Wave and Current <i>WU Zi-xin, ZHU Ren-qing</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	The Leading-edge and Unique Technology, Mitsubishi Low Pressure EGR <i>Naohiro Hiraoka, Kazuhisa Ito, Takashi Ueda</i> <i>Japan Institute of Marine Engineering, Japan</i>	Fracture Mechanics Analysis of VLEC’s Type C Cargo Tank <i>Zheng Lei, Chen Xi, Qin Bin, Xiao Lei, Li Xiaoling</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Experimental Study on the Wear Performance of the Mooring Chain <i>Koji Gotoh, Koji Murakami, Masataka Nakagawa and Tomoaki Utsunomiya</i> <i>JASNAOE, Japan</i>
1220 ~ 1240	Coupled Dynamic Analysis in Deep Water Catenary Model in Mooring Line in Floating Offshore Wind Turbine <i>Asgar Ahadpour Dodaran, Sang Kil Park, Sung Hoon Hong, Hong Bum Park</i> <i>The Korea Society of Ocean Engineers, Korea</i>	Combustion Character Mixed Radical in the Suction Air Using a Diesel Engine <i>Atsuyoshi TAKAYAMA, Chan Ka Keung, Yoshitaka SATO</i> <i>Japan Institute of Marine Engineering, Japan</i>	Frequency Domain Simulation of VLEC Dynamic Response Coupled with Tank Sloshing <i>ZHOU Qinghua, LI Xiaoling, CHEN Bin</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Technical Development for Energy Saving at Container Terminal Operation <i>Takeshi Shinoda, Putu HANGGA, Muhammad Arif Budiyanto, Luo Tao</i> <i>JASNAOE, Japan</i>
1240 ~ 1345	<i>Lunch</i>			
DAY 2 - PM (14 October 2016)				
1315 ~ 1345	Registration Venue: 6/F Happy Valley Stand, Happy Valley Racecourse Parallel Session			

Session Theme	Offshore Facilities and Energy from Ocean	Energy and Engine / Offshore Facilities and Energy from Ocean	Ship Design (Ship & Floating Platform; Material; Propulsion; Manoeuvring; Renewable Energy)	Port Management; Ship Operation; Safety and Environment / Ship Design
1345 ~ 1405	Time Domain Motion Analysis of Single Point Moored Duct for Tidal Current Power <i>Chul H. Jo, Do Y. Kim, and Myeong J. Kim</i> <i>The Korea Society of Ocean Engineers, Korea</i>	Combustion Character by Air Particle Diameter into Fuel Mixed Air <i>Tadayuki TANAKA, Atsuyoshi TAKAYAMA</i> <i>Japan Institute of Marine Engineering, Japan</i>	Introduction of Triple E vessel and STS <i>Lu Huijie</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Development of Automatic Collision Avoidance System for Ships Using Reinforcement Learning <i>Daichi Ota, Tatsuya Masuyama, Yoshitaka Furukawa, Hiroshi Ibaragi</i> <i>JASNAOE, Japan</i>
1405 ~ 1425	Development of Fatigue Damage Versus Current Index Diagram for Riser Considering VIV <i>Do Kyun Kim, Eileen Wee Chin Wong and Han Suk Choi</i> <i>Ocean and Ship Technology (Department of Civil and Environmental Engineering), Universiti Teknologi PETRONAS, Malaysia</i>	Feasibility Study on Recovery System of Ship Motion Energy by Linear Generator <i>Munehiko Minoura, Koki Watanabe, Hisafumi Yoshida, Hisao Tanaka</i> <i>JASNAOE, Japan</i>	Gas Leakage Risk Analysis on Loading and Unloading Process of CNG Carrier <i>Yifeng Guan, Tengfei Shi</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	Fundamental Study on Sterilization Effect of Underwater Shock Waves with Cavitation Bubbles on Marine Bacteria <i>Jingzhu Wang and Akihisa Abe</i> <i>Japan Institute of Marine Engineering, Japan</i>
1425 ~ 1445	The Numerical Simulation of Methane Hydrate Formation in Porous Media with Flow <i>Kentaro Kamada, Ayako Fukumoto, Honoka Torii, Toru Sato, Hiroyuki Oyama, Takero Yoshida</i> <i>JASNAOE, Japan</i>	A Study on Fuel Saving Effect in Hybrid Propulsion System for Tugboat <i>Takaaki Nishio, Hiroyasu Kifune</i> <i>Japan Institute of Marine Engineering, Japan</i>	Analysis of LNG-FSRU Regasification System and Rgasification Capacity <i>YAO shouguang, LIU hui</i> <i>Jiangsu Society of Naval Architects and Marine Engineers, China</i>	Preliminary Prediction of Dry-docking Time and Cost <i>Arun Kr Dev and Chan Kok Keong</i> <i>SNAMES, Singapore</i>
1445 ~ 1505	Configuration Design Method for FPSO to Maximize Life Cycle Value at the Initial Design Stage <i>Jeong Duseok, Oizumi, Kazuya, Aoyama, Kazuhiro</i> <i>JASNAOE, Japan</i>	Convective Boiling Heat Transfer Characteristics for Pressurized Water in a Small Tube <i>Makoto Shibahara, Katsuya Fukuda, Qiusheng Liu, Koichi Hata</i> <i>Japan Institute of Marine Engineering, Japan</i>	Ultimate Strength Analysis of a FPSB Hull Girder Based On Nonlinear Finite Element Method <i>Xiao-dong Li, Pei-lin Dou, Bao-jin Jing</i> <i>Jiangsu Society of Naval Architects and Marine Engineers, China</i>	Innovative Use of a Proven Gas Export System to Reduce LNG FSRU Project Implementation Time: A Case Study of the BW Singapore in Ain Sokhna, Egypt <i>Ashok Krishnan</i> <i>SNAMES, Singapore</i>
1505 ~ 1525	Temporal Change of Mud Erosion with Different Water Velocity in Methane Hydrate Bearing Layer <i>Takero Yoshida, Takuya Yamaguchi, Hiroyuki Oyama, Georgios Fytianos, Toru Sato</i> <i>JASNAOE, Japan</i>	Neural Networks Algorithm on Automatic Voltage Regulator of Brushless Synchronous Generator on Board Ship <i>Young-Chan Lee, Byung-Gun Jung, Yong-Sup Yun, Jong-Su Kim, Sang-Kyun Park, Sun-Tae Kim</i> <i>KOSME, Korea</i>	Research of Structure Design Under Ice Load for Container Vessel <i>Jiang Jiazhi, Si Zhao, Jiang Kejin, Lou Danping</i> <i>Ship Research & Development Department Hudong-Zhonghua Shipbuilding (Group) Co. Ltd., China</i>	Methodologies to Improve Equipment Maintainability and Reduce Ownership Costs <i>Julie Pray, Stergios Stamopoulos, Kevin McSweeney</i> <i>ABS Hong Kong, Hong Kong</i>
1525 ~ 1545	<i>Coffee Break</i>			
1545 ~ 1605	Development of Control Strategies for Large Wind Turbines <i>Mao-Hsiung Chiang, Ching-Sung Wang, Tsung-Chih Tung</i> <i>Taiwan SNAME, Taiwan</i>	IMO NOX Compliance for Scheme B (Engine with SCR) <i>Jeong-Gil Nam, Jae-Woo Lee, Jae-Sung Choi</i> <i>KOSME, Korea</i>	Computational Analysis of Tip Vortex Roll-up and Cavity Inception <i>Ji-Hye Kim, So-Won Jeong and Byoung-Kwon Ahn</i> <i>Department of Naval architecture and Ocean Engineering, Chungnam National University, Korea</i>	Multi-disciplinary Optimization of Trimaran Ship Considering Fluid, Structure and Control <i>Katsuyuki Suzuki, Atsushi Ogawara and Yukihisa Kuriyama</i> <i>JASNAOE, Japan</i>
1605 ~ 1625	Comparative Structural Assessment of Various Foundation Types for Offshore Wind Turbines under Extreme Loading Conditions <i>Tsung-Yueh Lin, Bryan Nelson, Yann Quémener, Hsin-Haou Huang, Chi-Yu Chien</i> <i>Taiwan SNAME, Taiwan</i>	Evaluation of the Speed Loss in Seaway by Computational Methods <i>Ching-Yeh Hsin, Chun-Ta Lin, Shih-Yun Wang, Ling Lu and Chi-Chuan Chen</i> <i>Taiwan SNAME, Taiwan</i>	A Study on Performance of a Full Form Ship in Shallow Water <i>ZHOU Chuan-ming, GAO Yu-ling, DONG Guo-xiang</i> <i>Shanghai Society of Naval Architects and Ocean Engineers, China</i>	On the Dynamic Response Characteristics of FBG Pressure Sensor <i>T.Fukunaga, M.Wakahara and T.Fukasawa</i> <i>JASNAOE, Japan</i>
1625 ~ 1645	Numerical Analysis of Piling Process for Offshore Wind Turbine Installation <i>Zheng-Zhang Huang, Sih-Yin Chen, Arno Nederlof, Shean-Kwang Chou, Cheng-Hsien Chung</i>	Effects of Fuel Physical Properties Using FIR Fuel Treatment Device <i>Fong Yuan MA</i>	Research on Automatic Design Optimization of Ship Hull Form Based on Parametric Hull Form <i>Luo Wei-lin, Lan Lin-qiang</i>	Development of Hull Form Design Assist System Integrating Tank Test Database, CFD Database and Knowledge Base <i>Shinnosuke Wanaka, Taiga Mitsuyuki, Kazuo Hiekata, Hiroyuki Yamato</i>

	Taiwan SNAME, Taiwan	Taiwan SNAME, Taiwan	Fujian Society of Naval Architects and Marine Engineers, China	JASNAOE, Japan
1645 ~ 1705	Experimental Study on the Performance of the Floating Kuroshio Current Turbine <i>Jing-Fa Tsai, Yi-Xuan Zeng, Forng-Chen Chiu, Ya-Jung Lee</i> Taiwan SNAME, Taiwan	Comparative Analysis on Mooring of SPAR Platforms <i>Arun Kr Dev and Tan Tai Dou Nigel</i> SNAMEs, Singapore	A Comparative Study of Existing Ultimate Compressive Strength Formulations for Steel Plate Elements with Initial Deflection <i>Do Kyun Kim, Bee Yee Poh, Jia Rong Lee, Kyu-Sik Park and Jeom Kee Paik</i> <i>Ocean and Ship Technology (Department of Civil and Environmental Engineering), Universiti Teknologi PETRONAS, Malaysia</i>	The Effect of Micro-Event in Plastic Region in the Vicinity of Tip of Running Crack on Brittle Crack Propagation Behavior in Steels <i>Fumiaki Tonsho, Tomoya Kawabata and Shuji Aihara</i> JASNAOE, Japan
1705 ~ 1725	Study of Aerodynamic Loads Acting on Wind Turbines under the Typhoon Conditions in Taiwan <i>Chun-Yu Yang, Jen-Shiang Kouh</i> Taiwan SNAME, Taiwan	Stress Concentration Factors of Double Skin Grouted X-joints Subjected to Brace Tension <i>Dr. Wei SHEN, Prof. Yoo Sang Choo</i> SNAMEs, Singapore	Application of Common Structural Rules on AFRAMAX Oil Tanker <i>Zhang Zhikang</i> MARIC, Shanghai, China	Manoeuvring Mathematical Model of Catamaran Wave Adaptive Modular Vessel (WAM-V) Using the System Identification Technique <i>Jyotsna PANDEY and Kazuhiko HASEGAWA</i> JASNAOE, Japan
1725 ~ 1800	1) Closing Ceremony and Remarks 2) Meeting of Best Paper Selection Committee			
DAY 2 - Evening (14 October 2016)				
Conference Banquet				
1800 ~ 2030	Venue: Owners Box, 6/F Members Stand 1, Happy Valley Racecourse			

Subject to change without prior notice.