

Asia Navigation Conference 2018

Agenda Overview

26th November		
0915 - 1015	Registration	The front of Room 302
1015 - 1045	Opening Ceremony	Room 302
1045 - 1100	Group photo	
1100 - 1220	Paper Sessions	Table Part 1 Room 302, 301A, 301B
1220 - 1340	Lunch	Room 303
1220 - 1320	Delegation Meeting	Room 205
1340 - 1530	ANC2018's Special Session "Human Factor"	Table Part 2 Room 302
1550 - 1650	Paper Sessions	Table Part 3 Room 302, 301A, 301B
1730 - 1930	Welcome Banquet	Room 304

27th November		
0940 - 1100	Paper Sessions	Table Part 4 Room 302, 301A, 301B
1120 - 1220	Paper Sessions	Table Part 5 Room 302, 301A, 301B
1220 - 1340	Lunch	Room 303
1340 - 1500	Paper Sessions	Table Part 6 Room 302, 301A, 301B
1505 - 1545	Meeting of Reference	Room 301A
1600 - 1620	Delegation meeting	Room 301B
1630 - 1700	Award and Closing Ceremony	Room 302
1730 - 1930	Farewell Dinner	Please confirm the back cover

28th November		
1000 - 1300	Technical Tour (including lunch) (The meeting time is <u>0945</u>)	Technical tour meeting place

Room 302	Room 301A	Room 301B
Shipping Policy	Other Related Topics I	Marine Safety and Security I
Chair: Masao Furusho(JIN) Co-chair: SHI Chaojian(CIN)	Chair: Jeong-Bin YIM(KINPR) Co-chair: Hitoi Tamaru(JIN)	Chair: Tatsuto Yamada(JIN) Co-chair: Liu Ying(CIN)
1100 - 1120		
A1-1 KINPR	B1-1 JIN	C1-1 THAILAND
The Growth of Private Shipping Companies and its Driving Forces in Korea, 1960-1981	Passenger Flows between Ehime and Oita Prefectures:Focus on the ferry routes	Maritime security from the technology perspectives: A review
Sung-June KIM	Yuto TAKAMA and Masaya YUKIHIRA	Nipapan Ananpalasak
1120 - 1140		
A1-2 KINPR	B1-2 KINPR	C1-2 THAILAND
A Study on the Priority Analysis of Government Support Policies for Sox Emission from Ship	A Study on the Cost Competitiveness of Lo-Lo and Ro-Ro Transport in Short Sea Shipping in Korea-Japan Route : Shipper's Perspective	Maritime scheduling to increase operational efficiency: A review
Chang Hoon SHIN, Han Na YANG and Gwang Un LEE	Yul Seong KIM, Xuebin Zheng, Jae Ung CHA, Ji Won You and Sang Won CHOUNG	Jeerada Anuchitnanon
1140 - 1200		
A1-3 KINPR	B1-3 KINPR	C1-3 CIN
A Study on Big Data Utilization and Information Service Improvement in Ports	Analysis of Efficiency on Automobile Export Ports in Korea and Japan	Analysis on the influence of working harrow suction ships on traffic of Yangtze Estuary Deepwater Channel based on real ship test
Jae Young SHIN, JangGun LEE, Hyoung Jun PARK and Nam Kyoung KIM	Hwa Young KIM and Taro ARATANI	Yumin Li, Yanlin Hou, Yingjie Xiao, Shangagn Wu, Huaran Yan
1200 - 1220		
A1-4 CIN	B1-4 JIN	C1-4 CIN
Analysis of the Development of Shipping E-commerce Based on Internet	Study on Effective Training for Anchoring	Improvement of navigational capacity and maritime security about deep-water channel in Yangtze River estuary
Zhai Zikun, Ma Lihua	Yoshiaki KUNIEDA, Atsushi OSAKA, Hideyuki KASHIMA and Koji MURAI	Xiao yingjie, Li yun, Yan huaran, Wu shangang

Room 302	
ANC2018's Special Session "Human Factor"	
Chair: Jin-Soo PARK(KINPR)	
Co-chair: Nam-Kyun IM(KINPR)	
1340 - 1400	
A2-1	JIN
A Causal Study of Indonesian Sinar Bangun Ferry Accident by HEART Methodology	
Ludfi Pratiwi BOWO, Masao FURUSHO and Mohammad Arif KURNIAWAN	
1400 - 1420	
A2-2	KINPR
A Study on Measuring the Seafarer's Skill, Rule and Knowledge-based Behavior using Ship Handling Simulator in Collision Situation	
Deuk Jin PARK, Hyeong Sun YANG, Yu Mi KANG, Cho Hee PARK and Jeong Bin YIM	
1420 - 1440	
A2-3	KINPR
Design of Risk Evaluation System for an Autonomous Ship	
Jeong Bin YIM, Deuk Jin PARK, Ik Hyun YOUN and Chun Ki LEE	
1450 - 1510	
A2-4	CIN
The social work intervention for the crew fatigue	
Cui Ren-da, Liu Zheng-jiang, Wang Xin-jian, Zhou Xiang-yu	
1510 - 1530	
A2-5	KINPR
A Study on Fatigue Risk Management System for Shipping Industry	
Hong Tae KIM, Young Hun YANG, Jun Hyuk JANG and Seung Hyun LEE	

Room 302	Room 301A	Room 301B
Vessel Traffic Management I	Green Ship Technology I	Maritime Intelligent Transportation System
Chair: Takahiro TAKEMOTO(JIN) Co-chair: Ik-Hyun YOUN(KINPR)	Chair: Hajime CHIBA(JIN) Co-chair: Xiao Yingjie(CIN)	Chair: Hwa-Young KIM(KINPR) Co-chair: Taro ARATANI(JIN)
1550 - 1610		
A3-1 JIN	B3-1 CIN	C3-1 CIN
Ship Drift Estimation by using AIS Navigation Data	Research on differential measurement technique of oil/air interface electrical property	Numerical Simulation Research on Wind Load of Very Large Container Ships
Mitsuru KOBAYASHI	Li Keshun, Zhu Shouquan, Song Yongxin, Zhang Jinnan	JIA Baozhu, WU Leizhen, JI Ran, WANG Xianlei
1610 - 1630		
A3-2 JIN	B3-2 KINPR	C3-2 JIN
Interpolation of AIS Position by Generic Algorithm	Behavior Analysis of Discharged DIC Concentrated Seawater through Towed Pipe Injection from Ship	Automatically Replanning Navigation Route by Using Conditional Generative Adversarial Networks
Hitoi TAMARU and Ruri SHIOJI	Seong Min KWON, Joong Woo LEE, Kang Min KIM, Hyeon Woo SONG and Jae Woong YOO	RUOLAN ZHANG and Masao FURUSHO
1630 - 1650		
A3-3 CIN	B3-3 CIN	C3-3 JIN
Path Planning of Marine Autonomous systems in Unknown Environment with Reinforcement Learning	Research on Effects of Light Quality on Micro-algae of Marine Bio-fuels Raw Materials	Short-term Variability of Cross-Spectral Analysis for Ship Responses in Waves
Chengbo Wang, Xinyu Zhang, Ruijie Li, Peifang Dong	Zhou Mi, Gao Chen-hao	Yanfei HONG, Toshio ISEKI and Ulrik Dam NIELSEN

Room 302	Room 301A	Room 301B
Marine Safety and Security II	Electronics and Information Technologies in Maritime Industry	Green Ship Technology II
Chair: Yasuyuki NIWA(JIN) Co-chair: Nam-Kyun IM(KINPR)	Chair: Jia Baozhu(CIN) Co-chair: Daisuke TERADA(JIN)	Chair: Song Yongxin(CIN) Co-chair: Yoshiaki KUNIEDA(JIN)
0940 - 1000		
A4-1 KINPR	B4-1 KINPR	C4-1 JIN
Flooding · Sinking Simulation for Cause Analysis of Deep-Sea Fishing Vessel Sinking Accident using FSI Analysis Rechnique	A study on the soft magnetic material core type coupling unit suitable for low frequency power line communication	Ship Recycling in Southern Asia and a Management Strategy for achieving Sustainable Recycling
Sang Gab LEE, Jae Seok LEE and Jai Ho OH	Jae Hwan JEONG, Seung Ho YANG, Woo Jin JU, Hyun Sik KIM and Kyung Rak SOHN	Thankgod Ifeanyi NWIGWE and Kiyokazu MINAMI
1000- 1020		
A4-2 KINPR	B4-2 JIN	C4-2 CIN
Development of Emergency Response Guidance for Fire Safety Module Operation in Korean e-Navigation System	Application of a Document-Oriented NoSQL Database in AIS Data Managing	Experimental study on NOx removal from diesel exhaust gas by wet scrubbing in a rotating packed bed reactor
Byeol KIM, Kwang Il HWANG and Serng Bae MOON	Hongze LIU, Masao FURUSHO, Xiaowei GAO and Ruolan ZHANG	GAO Yu, HAN Zhitao, PAN Xinxiang, LAN Tian, WANG Junming, YAN Zhijun, SUN Deping, JIA Linjie
1020 – 1040		
A4-3 KINPR	B4-3 KINPR	C4-3 CIN
Ship Stability Calculation for Cause Analysis of Deep-Sea Fishing Vessel Sinking Accident	An Empirical Research on the Applicability of Wireless Access in Vehicular Environments (WAVE) at Sea	The impact and research of the 2020 global sulfur limit regulation for China
Sang Gab LEE, Jae Seok LEE, Jee Hun KIM and Jae Ho RHO	Soon Bae JEON, Sung Jae LEE, Choong Jung CHOI, Young Soo PARK and Myoung Ki LEE	Jin Rui, Lv Enhui, Ma Lihua, Jiang Yu
1040 - 1100		
A4-4 KINPR	B4-4 KINPR	C4-4 CIN
Risk Calculation and Evaluation of Fishing Vessel Accidents in Korean Waters	Implementation of soft magnetic core type coupler for broadband power line communication system	Experimental Research on Waste Heat Recovery for Vessel Incinerator Based on TEG
Yoo Kyung WON and Dong Jin KIM	Seung Ho YANG, Jae Hwan JEONG, Woo Jin JU, Hyun Sik KIM and Kyung Rak SSHN	Ye Wenxiang, Liu Changxin, Zhao Cong, Gong Zhiliang, Huang Haiguo, Dong Yang, Li Bin, Liu Jianhua

Room 302	Room 301A	Room 301B
Marine Safety and Security III	Other Related Topics II	Vessel Traffic Management II
Chair: Sang-Gab LEE(KINPR) Co-chair: Gen Fukuda(JIN)	Chair: Tae-Gweon JEONG(KINPR) Co-chair: Hajime CHIBA(JIN)	Chair: Toshio ISEKI(JIN) Co-chair: Li Ying(CIN)
1120 - 1140		
A5-1 KINPR	B5-1 JIN	C5-1 JIN
Conceptual design of Seakeeping Safety module for the Korean e-Navigation service	Collision Risk Evaluation and Ship Handling for Avoidance based on the LOPC and the Bumper Model	Extraction of phase information from power spectrum estimated by AR modeling procedure
Young Rong KIM, Jun Bum PARK and Serng Bae MOON	Tatsuto YAMADA and Ruri SHOJI, Shinji MIZUI and Akihiro TSUKISAKA	Daisuke Terada
1140- 1200		
A5-2 KINPR	B5-2 CIN	C5-2 KINPR
Development of Ship Stability Index based on IMO Stability Regulations	Research on the Tugboat Allocation Calculation in Shuidong District of Maoming Port	A Basic Study on Safe Distance for Junior Officer
Hun CHOE, Sang Min LEE and Nam Kyun IM	Xiuying Bi, Hong Zhu, Beibei Li	Sang Won PARK, Young Soo PARK, Myoung Ki LEE and Jin Soo PARK
1200 – 1220		
A5-3 CIN	B5-3 JIN	C5-3 KINPR
Research on Ship Defects in the Asia Pacific Region Based on PSC Inspection Data	A Study on Proposal of Semi-Submersible Floating Tsunami Protection Wharf for Mooring Vessels	Lookout activity pattern classification using wearable sensors in the simulated navigation environment
Hou Yanlin, Li Yumin, Li Yun, Xiao Yingjie	Takahiro NAGASE, Mitsuhiro MASUDA and Kiyokazu MINAMI	Ik Hyun YOUN, Deuk Jin PARK, Tae Woong HWANG and Jeong Bin YIM

Room 302	Room 301A	Room 301B
Marine Safety and Security IV	Other Related Topics III	Maritime Education and Training
Chair: Xiao Yingjie(CIN) Co-chair: Yoshifumi Ichikawa(JIN)	Chair: Kiyokazu MINAMI(JIN) Co-chair: Seung-Gi GUG(KINPR)	Chair: Sung-June KIM(KINPR) Co-chair: Gen Fukuda(JIN)
1340 - 1400		
A6-1 KINPR	B6-1 CIN	C6-1 KINPR
A Basic Study on Passenger Ship Stability Assessment Algorithm based on Cumulative Data Analysis in Korean e-Navigation System	Simulation of SAILOR Inmarsat-C SES Based on Interactive Web Technology	Maritime Education and Training in MASS Era
Won-Jin CHOI, Seung Hwan JUN and Serng Bae MOON	Yang Jiaxuan, Kang Zhen	Jin-Soo PARK
1400- 1420		
A6-2 KINPR	B6-2 CIN	C6-2 CIN
Analysis of Accident Pattern and Risk Factors of Beach in Korea	Application of shipboard life-saving simulation system in seafarers training based on Virtual Reality Technology	Training and Cultivating for Command of a Cruise Ship Master
Hwa Young KIM, Myung Mook HAN, Sung Sam HONG and Dong Wook KIM	SUN Jian, LIU Shuping, CAO Zheng	Liu hongtao
1420 – 1440		
A6-3 CIN	B6-3 CIN	C6-3 JIN
A review and prospect of ship's trajectory planning for collision avoidance	Evaluation of Influencing Factors of Navigation Aids Based on Fuzzy Grey Correlation Analysis	The Collection of Oceanographic Data by the 200GT Class Training Vessel of Japanese Maritime Technical Colleges
Ni Shengke, Liu Zhengjiang, Cai Yao, Wang Xin, Gao Xiaowei	WANG Dangli, WANG Xuejia, LV Xue, YANG Xinying	Hajime Chiba, Emi Kanayama, Kouji Seida, Yutaka Michida, Kenichi Fukudome and Tomonori Masuura
1440 - 1500		
A6-4 KINPR		
A Study on Priority of Passenger Ship Evacuation Site Based on Marine Accident Severity		
Myoung Ki LEE, Young Soo PARK, Jong Sung KIM and Sang Won PARK		