Program for The International Joint Conference of Ai-MAST& NMSTR 2018

Main Issue: “Evolution of e-Navigation”

* Date: 10th – 12th Oct., 2018
* Venue: Shandong Jiaotong University Weihai Campus, Weihai, China
* Organized by International Association of e-Navigation and Ocean Economy, Inc.

Shandong Jiaotong University, Navigation School

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10th Oct., Wednesday

08:00-18:00 Check-in Holiday Inn Express Hotel (Address:山东省威海市环翠区文化西路278号 )

18:00-19:30 Welcome dinner party

11th Oct., Thursday

Opening Ceremony and Plenary Session

Venue: Weihai Campus Second Meeting Room **Chair**: Prof. ShenPing HU

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| 08:45-09:00 | Registration | |
| 09:00-10:00 | Opening and Welcome Speech | Prof. Yong YIN,  Prof. Gyei-Kark PARK,  Director Liming LU  Prof. Huaping Jiang |
| 10:00-11:30 | Plenary Speech 1  Prof. Jianwen MA | *International Conference Report about Simulator* |
| Plenary Speech 2  Prof. Gyei-Kark PARK | *e-Navigation, Smart-Navigation and Autonomous Navigation* |
| 11:30-11:40 | **TEA BREAK** | |

11:40-13:30 Lunch time (Shandong Jiaotong University restaurant)

13:30-15:00 Visiting of Simulator Lab (Shandong Jiaotong University)

Technical Session 1

Venue: Weihai Campus Navigation Meeting Room1  **Chair**: Prof. Jae-ung, LEE & Haoran SONG

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| **Time** | **Authors** | **Title** |
| 15:00-17:05 | Geonung KIM,  Do-yeon KIM,  Gi-jeong JO,  Gyei-Kark PARK | *Real-Time Monitoring Service to Prevent Collision and Grounding in SMART-Navigation Service* |
| YoungRong KIM,  Jun-Bum PARK,  Serng-Bae MOON | *Introduction of Basic Concepts of Seakeeping Safety Module in Korean e-Navigation System* |
| Byeol KIM,  Kwang-Il HWANG,  Serng-Bae MOON | *A Case Study on Fire Safety Assessment Factors for Fire Safety Module in The Korean e-Navigation* |
| Qiang ZHANG | *Concise Nonlinear Robust control for ships Auto-berthing* |
| Xiangfeng YANG | *Uncertain Time Series Analysis* |
| 17:05-17:40 | **TEA BREAK** | |
| Guideline for Presentation and Chair   * Time Limits (Technical Session): 15 minutes Presentation and 10 minutes Interpretation for each paper. | | |

Technical Session 2

Venue: Weihai Campus Navigation Meeting Room2 **Chair**: Prof. Serng-Bae MOON & Jianwen MA

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| **Time** | **Authors** | **Title** |
| 15:00-17:05 | Thi Minh Hoang DO,  Gyei-Kark PARK,  Tae-Ho HONG,  Cheong-Hwan LEE | *The Structural Analysis of Vulnerable Factors of Marine Accident for the Generation of Navigation Risk* |
| Thi Quynh Mai PHAM,  Gyei-Kark PARK,  Tae-Ho HONG, | *Relation Analysis among Marine Accident and Traffic Conditions in the Narrow and High-Speed Current Waterways* |
| Dai Duong NGUYEN,  Gyei-Kark PARK,  Gi-Jong JO,  Geun-Ung KIM | *Analysis of Relationship between Marine Accident and Related Factors in Maritime Traffic* |
| Yancai HU,  Gyei-Kark PARK,  Gi-Jong JO,  Geonung KIM | *Generating of Navigational Risk based on Vulnerability reflected to Maritime Accident* |
| Jagan JEEVAN,  Farah Aiza Mohamed FAZLEE,  Nurul Haqimin Mohd SALLEH,  Saharuddin Abdul HAMID,  Gyei-Kark PARK | *Emergence of Emergency Logistic Centre (Elc) At Straits of Malacca: Contributing Factors & Improvements Strategies(sec2)* |
| 17:05-17:40 | **TEA BREAK** | |
| Guideline for Presentation and Chair   * Time Limits (Technical Session): 15 minutes Presentation and 10 minutes Interpretation for each paper. | | |

17:40-20:00 Dinner time

12th Oct., Friday

Technical Session 3

Venue: Weihai Campus Navigation Meeting Room1  **Chair**: Prof. Geonung KIM & Qiang ZHANG

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| **Time** | **Authors** | **Title** |
| 09:00-10:40 | Ze-yang ZHANG  Ying-yu SUN  Jian-wen MA | *Establishment of Evaluation Model for the Seafarers Fatigue Based on Improved Fuzzy Comprehensive Evaluation* |
| Mengmeng LV  Qiang ZHANG | *Research on Ship Motion Control Based on KCS Free Running Model Ship* |
| Yuhao SUN | *Key Technology of Sea Ice Scene Visual System in Marine Simulator* |
| Jae-ung LEE | *An Experimental Study on The Rudder Turn That Affect on the Propulsion Shafting System during Ship Operation* |
| 10:40-11:00 | **TEA BREAK** | |
| Guideline for Presentation and Chair   * Time Limits (Technical Session): 15 minutes Presentation and 10 minutes Interpretation for each paper. | | |

Technical Session 4

Venue: Weihai Campus Navigation Meeting Room2 **Chair**: Prof. Jagan JEEVAN & Xiangfeng YANG

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| **Time** | **Authors** | **Title** |
| 09:00-10:40 | Do-yeon Kim, Jae-wook LEE,  Min-hwan JEONG,  Seong-gyu PARK,  Gyei-kark PARK,  Geonung KIM | *A Study on Design of Verification SW for Intelligent Analysis System* |
| Wonjin CHOI,  Seung Hwan JUN,  Serng Bae MOON | *A Basic Study on Correlation Analysis of Ship's Stability for Korean e-Navigation System* |
| Sang-jae LEE,  Gil-yong KIM,  Gi-jung JO,  Gyei-kark PARK | *A Study on the Identification of Ship Anomalous Behavior at Sea* |
| Kangdi ZHAO,  Dewei PAN,  Zhaoxin ZHOU | *Review of Development of The Small Rescue Boats* |
| 10:40-11:00 | **TEA BREAK** | |
| Guideline for Presentation and Chair   * Time Limits (Technical Session): 15 minutes Presentation and 10 minutes Interpretation for each paper. | | |

11:00-12:00 The Award Ceremony

12:00-13:00 Lunch time

13:00-18:00 Short tour to Liugong Dao Island

18:00-20:00 Farewell dinner party