

ISSW 2014 – WORKSHOP SCHEDULE
UTMSPACE, KUALA LUMPUR

SUNDAY (28 SEPTEMBER 2014)	
05.00pm – 08.00pm	Workshop Reception & Registration
MONDAY (29 SEPTEMBER 2014) - (DAY 1)	
08.30am – 9.00am	Arrival of Guests
09.00am - 09.15am	Arrival Of Guests Of Honour
09.15am – 09.30am	Welcoming Speech by Local Committee ISSW 2014 <i>Prof. Dr. Adi Maimun Abdul Malik</i>
09.30am – 09.45am	Welcoming Speech by International Standing Committee ISSW 2014 <i>Prof. A. Francescutto</i>
09.45am – 10.00am	Opening Speech by the Vice President Group Technical Services Misc Berhad Ir. Nordin Mat Yusoff
10.05am – 10.10am	Momento to International Standing Committee by the Local Committee
10.10am – 10.15am	Photo Session
10.15am – 10.45am	COFFEE BREAK
SESSION 1: DYNAMICS OF LARGE AMPLITUDE MOTIONS & DESIGN IMPLICATIONS CHAIR: PROF.K. SPYROU/BASSLE	
10.45am – 11.00am	Development of Minimum Bow Height Formula for Indonesian Waters <i>Mochammad Zaky (Indonesia)</i>
11.15am – 11.30am	What is Surf-Riding in Irregular Seas? <i>Kostas J. Spyrou, Nikos Themelis, Ioannis Kontolefas (Greece)</i>
11.30am – 11.45am	Quantitative Assessment of Ship Behaviour in Critical Stern Quartering Seas <i>Maria Acanfora, Jerzy Matusiak (Finland)</i>
11.45am – 12.00pm	Regulatory use of Nonlinear Dynamics: An Overview <i>Peters, Belenky, V.Spyrou (UK)</i>
12.00pm – 12.15pm	Applicability of the Difference between Population Statistics as an Acceptance Criteria Metric for Seakeeping Validation <i>Aurore V. Zuzick, Arthur M. Reed, William F. Belknap, Bradley L. Campbell (USA)</i>
12.15pm – 12.30pm	Validation of Time-Domain Simulation Code <i>Zuzick, Reed, Belknap, Campbell, Smith</i>
12.30pm – 02.15pm	LUNCH BREAK
SESSION 2 : NAVAL SHIPS STABILITY CHAIR: DR. F. VAN WALREE/LEGUEN	
02.15pm – 02.30pm	Features Architecture of Mean Ship to Navigation in Heavy, Stormy and Ice Conditions on the Northern Seas <i>Vasily N. Khrumushin (Russia)</i>
02.30pm – 02.45pm	A New Approach to the Derivation of V-Line Criteria for a Range of Naval Vessels <i>Andrew Peters, Rick Goddard, Nick Dawson (UK)</i>
02.45pm – 03.00pm	Small Combatant Accidental Damage Extents <i>Steve Marshall, Rick Goddard, Dominic Horner, Ian Randles (UK)</i>
03.00pm – 03.30pm	COFFEE BREAK
SESSION 3 : NEW EXPERIMENTAL TECHNIQUES FOR SHIP STABILITY ASSESSMENT CHAIR: PROF. N.UMEDA/PROF. A. FRANCESCUTTO	
03.30pm – 03.45pm	Remarks on Experimental Validation Procedures for Numerical Intact Stability Assessment with Latest Examples <i>Naoya Umeda, Daichi Kawaida, Yuto Ito, Yohei Tsutsumi, Akihiko Matsuda, Daisuke Terada (Japan)</i>
03.45pm – 04.00pm	Model Experiments in Following and Quartering Seas Using a Small Size Ship Model <i>Mitsuhiro Nakamura, Yasuo Yoshimura, Taisaku Shiken (Japan)</i>
04.00pm – 04.15pm	Experimental Database for Surf-Riding and Broaching-to Quantification Based on Captive Model Tests in Waves <i>Boris Horel, Pierre-Emmanuel Guillerm, Jean-Marc Rousset, Bertrand Alessandrini (Japan)</i>
04.15pm – 04.30pm	Air Pressure Scale Effects During Damage Model Tests

	<i>Gyeong Joong Lee, Frans Van Walree, Arthur M. Reed, Andrew Peters, Paola Gualeni, Toru Katayama, Wenyang Duan (Korea)</i>
04.30pm – 04.45pm	Forensic Study Of BOUVET Capsizing <i>Jean-Yves Billard, François Grinnaert, Isabelle Delumeau, Pierre Vonier, Paul Creismas, Jean-François Leguen, Larrie D. Ferreiro (France)</i>
04.45pm – 05.15pm	General Discussion
	Experimental and Numerical Study on Predicting Method of Parametric Rolling in Regular Head Seas <i>Jiang Lu, Min Gu, Naoya Umeda (China)</i>
	Experimental and Numerical Study on Roll Restoring Variation Using the C11 Containership <i>Min Gu, Jiang Lu, Tianhua Wang (China)</i>

TUESDAY (30 SEPTEMBER 2014) – (DAY 2)	
	SESSION 4 : STOCHASTIC DYNAMICS OF SHIPS AND ASSESSMENT OF PROBABILITY OF STABILITY FAILURES CHAIR: DR. V. BELENKY/DR. WOEI-MIN LIN
08.30am – 08.45am	Calculation Scheme for Wave Pressures with Auto regression Method <i>Alexander Degtyarev, Ivan Gankevich (Russia)</i>
08.45am – 09.00am	Example of Validation of Statistical Extrapolation <i>Timothy Smith (USA)</i>
09.00am – 09.15am	Critical Distance on a Phase Plane as a Metric for the Likelihood of Surf-Riding in Irregular Waves <i>Vadim Belenky, Kostas Spyrou, Kenneth Weems (USA)</i>
09.15am – 09.30am	On the Application of the Generalized Pareto Distribution for Statistical Extrapolation in the Assessment of Dynamic Stability in Irregular Waves <i>Bradley Campbell, Vadim Belenky, Vladas Pipiras (USA)</i>
	SESSION 5 : STABILITY OF OFFSHORE FLOATING PLATFORMS CHAIR: PROF. M. NEVES/PERZ ROJAS
09.30am – 09.45am	An Experimental Investigation on Reduction of List Angle of a Semi-Submersible Platform in Head Sea <i>Nam Woo Kim, Bo Woo Nam, Young Myung Choi, Sa Young Hong (Korea)</i>
09.45am – 10.15am	COFFEE BREAK
	SESSION 6 : MANEUVERABILITY AND STABILITY CONSIDERATIONS IN ADVERSE CONDITIONS CHAIR: DR. J.O.DE KAT/PROF. A. PAPANIKOLAOU
10.15am – 10.30am	A Numerical Study on Maneuverability Under Steady Equilibrium Condition in Waves for Free-Running Model Ship <i>Ryosuke Suzuki, Michio Ueno, Yoshiaki Tsukada (Japan)</i>
10.30am – 10.45am	Criteria for Minimum Powering and Maneuverability in Adverse Weather Conditions <i>V. Shigunov, A. Papanikolaou (Greece)</i>
	SESSION 7: NUMERICAL APPROACHES TO SHIP STABILITY CHAIR: PROF. A. DEGTYAREV/DR. OGAWA
10.45am – 11.00am	Design and Construction of Computer Experiments in Fluid Mechanics and Ship Stability <i>Alexander Degtyarev, Vasily Khramushin, Vladimir Mareev (Russia)</i>
11.00am – 11.15am	The Inertia Contributions Due to Floodwater Mass <i>Gyeong Joong Lee, Arthur M. Reed, Frans Van Walree, Andrew Peters, Paola Gualeni, Toru Katayama, Wenyang Duan (Korea)</i>
11.15am – 11.30am	Numerical Estimation and Validation of Shallow Draft Effect on Roll Damping <i>Toru Katayama, Burak Yildiz, Jun Umeda (Japan)</i>
11.30am – 11.45am	Modelling of Extreme Waves Related to Stability Research <i>Janou Hennig, Frans Van Walree (Russia)</i>
11.45am – 12.00pm	An Analysis of Bilge Keel Effects Using RANS with Overset Grids Method <i>Motoki Araki, Kunihide Ohashi, Nobuyuki Hirata (Japan)</i>
12.00pm – 12.15pm	Underlying Linear Spectrum for Nonlinear Gravity Waves Reed, Telste J
12.15pm – 02.00pm	LUNCH BREAK
03.00pm – 05.30pm	WORKSHOP TOUR
08.00pm – 10.00pm	WORKSHOP DINNER **AI- Rawsha Restaurant, No. 8, Jalan Kampung Pandan, 55100 Kuala Lumpur

WEDNESDAY (1 OCTOBER 2014) – (DAY 3)	
SESSION 7: NUMERICAL APPROACHES TO SHIP STABILITY CHAIR: PROF. A. DEGTYAREV/DR. OGAWA	
08.30am – 08.45am	Numerical Investigation into Ship Stability Failure Events in Quartering Seas Based on Time Domain Weakly Nonlinear Unified Model <i>Liwei Yu, Ning Ma, Xiechong Gu (Japan)</i>
08.45am – 09.00am	Deriving the Linear-Wave Spectrum from a Nonlinear Spectrum <i>Arthur M. Reed, John G. Telste (USA)</i>
09.00am – 09.15am	High Performance Algorithms for Multiphase and Multicomponent Media <i>Bogdanov A, Stankova E, Mareev V (Russia)</i>
09.15am – 09.45am	COFFEE BREAK
SESSION 8: HIGH SPEED AND SPECIALIZED CRAFT STABILITY AND SAFETY CHAIR: PROF. DR. ADI MAIMUN/DR. KONOVESSIS	
09.45am – 10.00am	A Study On Spinout Phenomena of Planning Craft in High Speed Turning with Radio Control Small Model <i>Toru Katayama, Shun Ohashi (Japan)</i>
10.00am – 10.15am	Stability Analysis of Hybrid Catamaran Fishing Vessel <i>Pramudya I Santosa, I K A P Utama, Wasis D Aryawan (Indonesia)</i>
10.15am – 10.30am	Dynamic Stability Analysis of a Wing in Ground Effect During Takeoff <i>Rahimuddin, Adi Maimun, Mobasshertofa, Saeed Jamei (Malaysia)</i>
10.30am – 10.45am	Selecting Monohull, Catamaran and Trimaran as Suitable Passenger Vessels Based on Stability and Seakeeping Criteria <i>Richard B Luhulima, I K A P Utama, D Setyawan (Indonesia)</i>
SESSION 9: DAMAGE STABILITY STANDARD OF OLD SHIPS CHAIR: PROF D. VASSALOS/MR. ROBERT TAGG	
10.45am – 11.00am	Application of Second Generation IMO Intact Stability Criteria to Medium – Sized Fishing Vessels <i>Marcos Míguez González, Vicente Díaz Casás, Luis Pérez Rojas, Fernando Junco Ocampo, Daniel Pena Agras (UK)</i>
11.00am – 11.15am	Consideration of Risk Level in Terms of Damage Stability of Old Ship <i>Tomohiro Yuzui, Yoshitaka Ogawa (Japan)</i>
11.15am – 11.30am	Stability of Grounded Ship <i>Apurba Ranjan Kar (India)</i>
11.30am – 11.45am	Regulatory, Design, Operational and Emergency Response Measures for Improving the Damage Survivability of Existing Ropax <i>Dracos Vassalos, Evangelos Boulougouris, Luis, Guarin, Andrzej Jasionowski, John Garner (UK)</i>
11.45am – 12.45pm	LUNCH