



The Royal Institution of Naval Architects

Full Scale Ship Performance

24 – 25 October 2018, London, UK

Wednesday 24th October	
08.55-09.25	Coffee and Registration
09.25-09.30	Welcome Address , Mark Staunton-Lambert, the Royal Institution of Naval Architects, UK
09.30-10.05	Ship Performance – Using the Real World as a Laboratory <i>Serena Lim, Serkan Turkmen, Federico Prini, Ali Rostami, Vita Kurniawati, Alessandro Carchen, Martin Gibson, Simon Benson, Kayvan Pazouki, Alan J Murphy, Richard Birmingham, Newcastle University, UK</i>
10.05-10.40	Modelling the Performance of energy Saving Technologies on Ships <i>David Pearson, BMT, UK</i>
10.40-11.15	The Importance of Data Quality in Voyage Modelling <i>Carlos Losada, BMT, UK</i>
11.15-11.40	Coffee
11.40-12.15	Development of a Numerical Model on Displacement Correction for Ship Performance in Calm Seas Based on Full-Scale Measurement <i>Naoto Sogihara, Akiko Sakurada, Mariko Kuroda, Masaru, Tsujimoto, Yoshihiko Sugimoto, Ken Hasegawa, National Maritime Research Institute Japan, Japan</i>
12.15-12.50	JoRes JIP – A Unique Joint Industry Project to Close the Knowledge Gap <i>Dmitriy Ponkratov, JoRes Project Ltd, UK</i> <i>Gijs Struijk, MARIN, The Netherlands</i>
12.50-13.45	Lunch
13.45-14.20	On the Analysis of RANS-Based Full-Scale Power Predictions <i>Bram Starke, MARIN, The Netherlands</i>
14.20-14.55	Sea Trial From Owners Perspective <i>Nicolas Bialystocki, Antares Shipping LTD, Israel</i>
14.55-15.20	Coffee
15.20-15.55	Validation of a Novel Approach to Full Scale Self-Propulsion Numerical Simulations <i>Marco Bovio, Leading Edge Marine Engineering, the Netherlands</i>
15.55-16.30	Investigation on Full Scale Performance of the Propeller Boss Cap Fins (PBCF) <i>Koyu Kimura, Mitsui E&S Shipbuilding Co Ltd, Japan</i> <i>Shiro Ono, MOL Techno-Trade Ltd, Japan</i>
16.30-	General Discussion & Evening Drinks Reception



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08.55-09.25	Coffee and Registration
09.25-10.00	The propeller as a speed Log: Using Full Scale Thrust Measurements to Quantify Propeller Efficiency and Hull Fouling <i>Erik van Ballegooijen, VAF Instruments, the Netherlands</i>
10.00-10.35	The Effect of Operational Factors on Container Ship Fuel Performance <i>Lina Christensen, Technical University of Denmark, Denmark</i> <i>Giles Thomas, John Calleya, UCL, UK</i> <i>Ulrik Nielsen, Centre for Autonomous Marine Operations, Norway</i>
10.35-11.10	Improving the Energy Efficiency of Ferries by Optimizing the Operational Practices <i>Marie Lützen, University of Southern Denmark, Denmark</i> <i>Stig Eriksen, Jens Brauchli Jensen, Svendborg Maritime Academy, Denmark</i>
11.10-11.35	Coffee
11.35-12.10	Normalisation of Shaft Power From Full Scale Measurements to Derive the Calm Water Performance of a Ship <i>Arun Puram Lakshmyanarayana, Dominic A. Hudson, University of Southampton, UK</i> <i>M. Limelette, University of Western Brittany, France</i>
12.10-12.45	Skin-Friction Drag Measurement Over a Recently Cleaned and Painted Ship Hull Under Steady Cruising Via In-Situ Laser-Based Measurement <i>K A P Utama, I K Suastika, M L Hakin, M N Nurrohman, Teknologi Sepuluh Nopember, Indonesia</i> <i>B Nugroho, R Baidya, J P Monty, N Hutchins, University of Melbourne, Australia</i> <i>A K Yusim, University of Diponegoro, Indonesia</i> <i>F A Prasetyo, Indonesian Bureau of Classification, Indonesia</i> <i>M Yusuf, PT Dharma Lautan Utama, Indonesia</i> <i>B Ganapathisubramani, University of Southampton, UK</i>
12.45-13.40	Lunch
13.40-14.15	Assessment of bulbous bow performance over operational profiles using full scale data <i>Henry Way, University of Southampton, UK</i>
14.15-14.50	Case Study: Sea Trials on a 65 ft Planing Hull in Still Water and Rough Sea <i>Marco de Santis, MICAD, Italy</i>
14.50-15.25	Full Scale Performance Measurement and Analysis of the Silverstream Air Lubrication System <i>Luke De Freitas, Noah Silberschmidt, Takis Pappas, Johannes Johanneson, Silverstream Technologies, Denmark</i>
15.25-	General Discussion & coffee