



The Royal Institution of Naval Architects

## Full Scale Ship Performance

24 - 25 October 2018, London, UK

Wednesday 24 <sup>th</sup> October	
08.55-09.25	Coffee and Registration
09.25-09.30	<b>Welcome Address</b> , Mark Staunton-Lambert, the Royal Institution of Naval Architects, UK
09.30-10.05	<b>Ship Performance – Using the Real World as a Laboratory</b> <i>Serena Lim, Serkan Turkmen, Federico Prini, Ali Rostami, Vita Kurniawati, Alessandro Carchen, Martin Gibson, Simon Benson, Robert S Dow, Kayvan Pazouki, Alan J Murphy, Richard Birmingham, Newcastle University, UK</i>
10.05-10.40	<b>Modelling the Performance of Energy Saving Technologies on Ships</b> <i>David Pearson, John Buckingham, BMT, UK</i>
10.40-11.15	<b>The Importance of Data Quality in Voyage Modelling</b> <i>Carlos Losada, BMT, UK</i>
11.15-11.40	Coffee
11.40-12.15	<b>Development of a Numerical Model on Displacement Correction for Ship Performance in Calm Seas Based on Full-Scale Measurement</b> <i>Naoto Sogihara, Akiko Sakurada, Mariko Kuroda, Masaru Tsujimoto, National Maritime Research Institute Japan, Japan</i> <i>Yoshihiko Sugimoto, Ken Hasegawa, Mitsui O.S.K. Lines, Japan</i>
12.15-12.50	<b>JoRes JIP – A Unique Joint Industry Project to Close the Knowledge Gap</b> <i>Dmitriy Ponkratov, JoRes Project Ltd, UK</i> <i>Gijs Struijk, MARIN, The Netherlands</i>
12.50-13.45	Lunch
13.45-14.20	<b>On the Analysis of RANS-Based Full-Scale Power Predictions</b> <i>Bram Starke, MARIN, The Netherlands</i>
14.20-14.55	<b>Sea Trial From Owners Perspective</b> <i>Nicolas Bialystocki, Antares Shipping, Israel</i> <i>Kostas Kokkiniotis, Stamco Ship Management, Greece</i>
14.55-15.20	Coffee
15.20-15.55	<b>Validation of a Novel Approach to Full Scale Self-Propulsion Numerical Simulations</b> <i>Marco Bovio, Leading Edge Marine Engineering, the Netherlands</i>
15.55-16.30	<b>Investigation on Full Scale Performance of the Propeller Boss Cap Fins (PBCF)</b> <i>Koyu Kimura, Mitsui E&amp;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	<b>Coffee and Registration</b>
09.25-10.00	<b>The propeller as a speed Log: Using Full Scale Thrust Measurements to Quantify Propeller Efficiency and Hull Fouling</b> <i>Torben Helsloot, Marc Timmer, Erik van Ballegooijen, VAF Instruments, the Netherlands</i>
10.00-10.35	<b>The Effect of Operational Factors on Container Ship Fuel Performance</b> <i>Lina Christensen, Technical University of Denmark, Denmark</i> <i>Giles Thomas, John Calleya, University College London, UK</i> <i>Ulrik Nielsen, Centre for Autonomous Marine Operations, Norway</i>
10.35-11.10	<b>Improving the Energy Efficiency of Ferries by Optimizing the Operational Practices</b> <i>Marie Lützen, J C Sorensen, University of Southern Denmark, Denmark</i> <i>Stig Eriksen, Jens Brauchli Jensen, Svendborg Maritime Academy, Denmark</i>
11.10-11.35	<b>Coffee</b>
11.35-12.10	<b>Normalisation of Shaft Power From Full Scale Measurements to Derive the Calm Water Performance of a Ship</b> <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	<b>Skin-Friction Drag Measurement Over a Recently Cleaned and Painted Ship Hull Under Steady Cruising Via In-Situ Laser-Based Measurement</b> <i>K A P Utama, I K Suastika, M L Hakin, M N Nurrohmah, 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	<b>Lunch</b>
13.40-14.15	<b>Assessment of Bulbous Bow Performance Over Operational Profiles Using Full Scale Data</b> <i>Henry Way, University of Southampton, UK</i>
14.15-14.50	<b>Case Study: Sea Trials on a 65 ft Planing Hull in Waves</b> <i>Marco de Santis, Amedeo Migali, MICAD, Italy</i> <i>Ricardo Pigazzini, Thomas Puzzer, Simone Martini, Mitja Morgut, Giorgio Contento, University of Trieste, Italy</i> <i>Riccardo Buiatti, Monte Carlo Yachts, Italy</i> <i>Fabio de Luca, University of Naples, Italy</i> <i>Fabio Brunetti, National Institute of Oceanography and Experimental Geophysics of Trieste, Italy</i>
14.50-15.25	<b>Full Scale Performance Measurement and Analysis of the Silverstream Air Lubrication System</b> <i>Luke De Freitas, Noah Silberschmidt, Takis Pappas, D Connolly, Silverstream Technologies, UK</i>
15.25-	<b>General Discussion &amp; coffee</b>