



The Royal Institution of Naval Architects

## Human Factors

26 - 27 September 2018, London, UK

Wednesday 26 <sup>th</sup> September	
08.55-09.25	<b>Coffee and Registration</b>
09.25-09.30	<b>Welcome Address</b> , Trevor Blakeley, the Royal Institution of Naval Architects, UK
09.30-10.05	<b>The Human Factor in the Digital Age</b> <i>Monica Lundh, Katie Aylward, Yemao Man, Scott MacKinnon, Chalmers University of Technology, Sweden</i>
10.05-10.40	<b>Human Role in Safety on Automated Ships</b> <i>Johannes Hüffmeier, Research Institutes of Sweden, Sweden</i>
10.40-11.15	<b>What was I doing? Prospective Memory Errors the Impact of Ineffective and Unreliable Automation in Future Maritime Platforms</b> <i>Malcolm Cook, BAE System, UK</i>
11.15-11.40	<b>Coffee</b>
11.40-12.15	<b>SEA User LAB: A Multidimensional Tool for Human Factors Evaluation</b> <i>Rozenn Coutellier, Chantal Mais, Hugo Nguma, Naval Group, France</i>
12.15-12.50	<b>Improving Maritime Usability – User-led Information Grouping on Navigation Displays</b> <i>Viet Dung Vu, Margareta Lützhöft, Western Norway University of Applied Sciences, Norway</i>
12.50-13.45	<b>Lunch</b>
13.45-14.20	<b>SOLAS V/15 – Bridging Design and Work</b> <i>Linda Sørensen, Margareta Lützhöft, Western Norway University of Applied Sciences, Norway</i>
14.20-14.55	<b>Demonstrating a Maritime Design System for Realising Consistent Design of Multivendor Ships Bridges</b> <i>Kjetil Nordby, Synne Frydenberg, The Oslo School of Architecture and Design, Norway</i>
14.55-15.30	<b>Harmonized Display of E-Navigation Information: Workload and Navigational Control</b> <i>Thomas Porathe, Norwegian University of Science and Technology, Norway</i> <i>Margareta Lützhöft, Western Norway University of Applied Sciences, Norway</i>
15.30-15.55	<b>Coffee</b>
15.55-16.30	<b>The Implementation of E-Navigation Services: Are we Ready?</b> <i>Katie Aylward, Reto Weber, Monica Lundh, Scott MacKinnon, Chalmers University of Technology, Sweden</i>
16.30-17.05	<b>Contours of a Roadmap for Developing Scenarios for the World of Autonomous Ocean Systems</b> <i>Sashidaran Komandur, Thomas Porathe, Norwegian University of Science and Technology, Norway</i> <i>Margareta Lützhöft, Western Norway University of Applied Sciences, Norway</i>
17.05-	<b>General Discussion &amp; Evening Drinks Reception</b>



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08.55-09.25	Coffee and Registration
09.25-10.00	<b>Survivability, Escape and Evacuation Systems</b> <i>Dennis Barber, UK</i>
10.00-10.35	<b>Evacuation Analysis of Cargo Ships in Fire Situation from Computational Simulation Based of Human Factors</b> <i>Andrea Rozendo Moreira, COPPE, Escola Politecnica, Brazil</i>
10.35-11.10	<b>Application of Fuzzy Cognitive Maps to Investigate the Contributors of Maritime Grounding Accidents</b> <i>Beatriz Navas, Rafet Emek Kurt, Osman Turan, University of Strathclyde, UK</i>
11.10-11.35	Coffee
11.35-12.10	<b>Human Factors investigation in Maritime Incident Analysis for Improved Ship Safety: an Innovative Approach based on System Theory</b> <i>Paola Gualeni, C. Bongermينو, University of Genoa, Italy</i>
12.10-12.45	<b>Adopting New Technologies - Reducing Risk or Introducing New Threats</b> <i>Vaughan Pomeroy, University of Southampton, UK</i>
12.45-13.40	Lunch
13.40-14.15	<b>Some Ergonomic Issues of DP Vessel Controls</b> <i>Meyrick Hadfield, Health and Safety Executive, UK</i>
14.15-14.50	<b>From Stem to Stern – Safety Starts with Design</b> <i>Helle Oltedal, Margareta Lützhöft, Western Norway University of Applied Sciences, Norway</i>
14.50-15.25	<b>Exploring Design of Augmented Reality Systems for Ship Bridges in the Wild</b> <i>Kjetil Nordby, Synne Frydenberg, The Oslo School of Architecture and Design, Norway</i>
15.25-15.50	Coffee
15.50-16.25	<b>Virtual Reality for Vessel Workspace Design</b> <i>Ken Goh, Knud E Hansen Australia P/L, Australia</i>
16.25-17.00	<b>Taking a Human Perspective on Manning Efficiency and Workload on Board Chemical Tankers</b> <i>Stephanie Mclay, Lloyd's Register EMEA, UK</i>
17.00-	General Discussion