



The Royal Institution of Naval Architects

## Human Factors 2020 Conference

19 - 20 February 2020, London, UK

Wednesday 19 <sup>th</sup> February	
08.50-09.15	<b>Coffee and Registration</b>
09.15-09.20	<b>Welcome Address</b> , <i>D. Ponkratov, Technical Director, The Royal Institution of Naval Architects, UK</i>
09.20-09.55	<b>Towards the Development of Ergonomic Classification - A Case Study in Safe Access and Egress</b> <i>D. Oakley, University of Southampton, UK</i> <i>J.V. Earthy, A. J. Gibbin, Lloyd's Register, UK</i>
09.55-10.30	<b>Human Factors Integration in submarine spatial design</b> <i>J. Clarke, BAE Systems Submarines, UK</i>
10.30-10.50	<b>Coffee</b>
10.50-11.25	<b>Improving Human-centred Design application in the maritime industry – challenges and opportunities</b> <i>V. Dung Vu, M. Holtensdotter Lützhöft, Western Norway University of Applied Sciences, Norway</i>
11.25-12.00	<b>'Designing in' the human element: Recommendations for improvements to vessel accommodation</b> <i>I. L. Acejo, Cardiff University, UK</i>
12.00-13.30	<b>Lunch</b>
13.30-14.05	<b>The operator's stake in shore control center design: a stakeholder analysis for autonomous ships</b> <i>E. Veitch, NTNU, Norway</i>
14.05-14.40	<b>Human Factor and Automation: A STPA Approach to Enhance Ship Safety</b> <i>C. Bongermينو, P. Gualeni, University of Genoa, Italy</i>
14.40-15.00	<b>Coffee</b>
15.00-15.35	<b>Development, test and selection of a shock mitigation seat for an all-weather lifeboat</b> <i>T. Gunston, Coast Dynamics Group, Canada</i> <i>A. Clarke, RNLI, UK</i>
15.35-16.10	<b>Cybersickness and evaluation of a remediation system</b> <i>L. Andre, Naval Group, France</i>
16.10-18.00	<b>Discussion and Drinks Reception</b>

\* This represents a preliminary agenda, please contact [conference@rina.org.uk](mailto:conference@rina.org.uk) for any query.



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Thursday 20 <sup>th</sup> February	
08.55-09.20	<b>Coffee and Registration</b>
09.20-09.55	<b>Another series of unfortunate events: A failure of Situational Awareness</b> <i>M. Cook, BAE Systems, UK</i>
09.55-10.30	<b>Future skills in the maritime industry - the ecosystem perspective</b> <i>A. Hynnekleiv, Western Norway University of Applied Sciences, Norway</i>
10.30-10.50	<b>Coffee</b>
10.50-11.25	<b>Moving Havens: an application of the e-Navigation service route-exchange</b> <i>T. Porathe, NTNU, Norway</i>
11.25-12.00	<b>Human Factors Related to Autonomous Ship Operations</b> <i>E. Aa Dahle, Deck officer, Norway</i> <i>K. Bentzrod, Master Mariner, Hoegh LNG, Norway</i> <i>N. H. Lund, Master Mariner and Maritime Government Pilot (Ret.), Norway</i>
12.00-13.00	<b>Lunch</b>
13.00-13.35	<b>The community of ship-handlers and pilots: training together</b> <i>R. Wild, Solent University, UK</i> <i>M. Holtensdotter Lützhöft, Western Norway University of Applied Sciences, Norway</i>
13.35-14.10	<b>Those dreaded 80%</b> <i>E. Verbeek, Netherlands Pilot Cooperative, Netherlands</i>
14.10-14.45	<b>Perceptions of the West and the East and National Culture on the Human Factors</b> <i>Y. Kwon, Chosun University, Republic of Korea</i>
14.45-15.05	<b>Coffee</b>
15.05-16.05	<b>Final Address and discussion</b>
16.05-16.30	<b>Closure</b>

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