



The Royal Institution of Naval Architects

Human Factors 2020 Conference

19 - 20 February 2020, London, UK

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

* This represents a preliminary agenda, please contact conference@rina.org.uk for any query.



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| 08.55-09.20 | Coffee and Registration |
| 09.20-09.55 | Another series of unfortunate events: A failure of Situational Awareness <i>M. J. Cook, BAE Systems, UK</i> |
| 09.55-10.30 | Towards an Ecosystem of Skills in the Future Maritime Industry <i>A. Hynnekleiv and M. Lutzhoft, Western Norway University of Applied Sciences, Norway</i> <i>J. V. Earthy, Lloyds Register, UK and Western Norway University of Applied Sciences, Norway</i> |
| 10.30-10.50 | Coffee |
| 10.50-11.25 | Moving Havens: an application of the e-Navigation service route-exchange <i>T. Porathe, Norwegian University of Science and Technology, Norway</i> |
| 11.25-12.00 | Human Factors Related to Autonomous Ship Operations <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 | Lunch |
| 13.00-13.35 | The community of ship-handlers and pilots: Training, collaboration and good practice today and in the future. <i>R. J. Wild, Solent University, UK</i> <i>M. Lützhöft, Western Norway University of Applied Sciences, Norway</i> |
| 13.35-14.10 | That Unrelenting 80% <i>E. Verbeek, Netherlands Pilot Cooperative, Netherlands</i> |
| 14.10-14.45 | Perceptions of the West and the East and National Culture on the Human Factors <i>Y. Kwon, Chosun University, Republic of Korea</i> |
| 14.45-15.05 | Coffee |
| 15.05-16.05 | Final Address and discussion |
| 16.05-16.30 | Closure |

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