



The 4th International Maritime Human Factors Symposium

From 3 to 5 December 2025, University of Strathclyde, Glasgow, United Kingdom



Connecting academia, industry, and policy to
advance maritime safety through Human Factors

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The 4th International Maritime Human Factors Symposium

IMHFS 2025 PROGRAMME

Location: Technology and Innovation Building, Glasgow, UK

Date: 3 - 5 December 2025

Host: University of Strathclyde



Time	Session / Activity	Speakers
Day 1 3rd of December		
1200 – 1225	Registration & Coffee	
1225 – 1230	IMHFS 2025 Welcome Speech	Rafet Emek Kurt University of Strathclyde
1230 – 1300	Keynote: <i>A Maritime Human-centric and Sustainable Future</i>	Panagiotis Stavrakakis HSE
1300 – 1445	S1: Maritime Education and Training	Chair: Malek Pourzanjani SAIMI
1300 – 1312	<i>Enhancing Seafarer Well-being and Employability Through Educational Innovation</i>	Deva Menéndez-Teleña University of Oviedo
1315 – 1327	<i>Human Performance Enhancement through Competency-Based Learning</i>	Volkan Arslan Carnival Corporation
1330 – 1342	<i>Effective Implementation of ISM Code: Learning from Accidents, Audits and Inspections</i>	Reza Ziarati C4FF Sweden
1345 – 1457	<i>Competence as the Cornerstone: Rethinking Maritime Education and Training</i>	Katerina Kokkini KMK Marine Consultants
1400 – 1412	<i>Beyond Compliance: Driving Excellence in Crew Development</i>	Bartek Marcinkiewicz Oldendorff Carriers
1415 – 1445	Panel Open Discussion. To join the Panel: Alina Prylipko MLA College	
1445 – 1515	Coffee Break	
1515 – 1700	S2: Autonomy, Automation & HF	Chair: Dave Watkins CHIRP Maritime
1515 – 1527	<i>Towards advanced decision-making support for shipping safety: A functional connectivity analysis</i>	SHIQI Fan Wuhan University of Technology
1530 – 1542	<i>Towards Hybrid Analysis of Human Error Potential in MASS Operations</i>	Krzysztof Wróbel Gdynia Maritime University
1545 – 1657	<i>Takeover Risks in Maritime Autonomous Surface Ships (MASS): A Systematic Review and Bibliometric Analysis</i>	Yi Gao Wuhan University of Technology
1600 – 1612	<i>Human Factor Risks in Autonomous Navigation: Unpacking Design Flaws in Collision Avoidance Algorithms</i>	Aitana Sánchez-González University of Oviedo
1615 – 1627	<i>Navigating AI transition: Safety culture lessons from aviation</i>	Ana Ferreira deepblue (DBL)
1630 – 1700	Panel Open Discussion	

End of Day 1

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Time	Session / Activity	Speakers
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Day 2 | 4th of December

0830 – 0900	Morning Coffee	
0900 – 0930	Keynote: <i>Communicating Human Factors in Casualty Investigations</i>	Nick Dowden Bahamas Maritime Authority
0930 – 1100	S3: Well-being and Mental Health	Chair: Simon Grainge ISWAN
0930 – 0942	<i>Strengthening the Human Side of Maritime Leadership – Insights from our On-the-Job Development Program</i>	Isabel Grimpe Grimpe RelationShip Management
0945 – 0957	<i>Beyond Automation: Human-Centred Leadership for the Next Generation at Sea</i>	Tineke Zoet TinekeZoet.com
1000 – 1012	<i>Art as a Bridge: Family Connection & Morale</i>	Sofia Rizou Maritime & Healthcare Group
1015 – 1027	<i>SafeTALK – Building Suicide Safer Communities on Board and on Shore</i>	Thomas O'Hare The Mission to Seafarers
1030 – 1100	Panel Open Discussion. To join the Panel: Richard Garforth Bibby Marine LTD, Marc Turner V.Group	
1100 – 1130	Coffee Break	
1130 – 1300	S4: Safety Learning / Accident Investigation	Chair: Deepak Gupta Oldendorff Carriers
1130 – 1142	<i>Learning from Ferry Near-Misses: Human Factors-Driven Topic Modelling for Accident Prevention</i>	Hollie Black & Louis De Wolf University of Strathclyde & CalMac Ferries
1145 – 1157	<i>From CFD to VR: Realistic and Safe Simulation of Engine Room Fire Drills</i>	Goran Vizentin & Darko Glujic University of Rijeka
1200 – 1212	<i>A Systems-Based Investigation into the Grounding and Sinking of HMNZS Manawanui</i>	CJ Manjarres-Wahlberg Sea Heritage Foundation
1215 – 1227	<i>Lessons Learned from Applying AI to Near-Miss and Accident Data – Insights from SafeMTS and Beyond</i>	Bahadir Inozu & Curtis Doucette Sharp Focus Inc.
1230 – 1300	Panel Open Discussion	
1300 – 1310	IMHFS Group Photo	
1310 – 1400	Lunch Break	
1400 – 15:30	S5: Human Factors in Design	Chair: Tor Svensen RCCL
1400 – 1412	<i>Enhancing Wind Propulsion Performance Through Human-Centred Design and Bridge Simulations</i>	Niklas van Duinen MARIN
1415 – 1427	<i>Quantifying the Invisible Layer of Human Performance</i>	Ioannis Patiniotis PYLI-NET PC
1430 – 1442	<i>Human Factors in Control Room Design</i>	Jodie Dix Integrated Human Factors (IHF)
1445 – 1457	<i>Human-Centred ECDIS Design Under the S-100 Framework: Implications for Situational Awareness and Decision-Making</i>	Ozcan Arslan Istanbul Technical University
1500 – 1530	Panel Open Discussion	
1530 – 1600	Coffee Break	
1600 – 1730	S6: Assuring Human Performance	Chair: Adam Parnell CHIRP Maritime
1600 – 1612	<i>Human Factors from Marine Insurance Perspective: Current Challenges and Opportunities to Improve</i>	Stuart Edmonston UK P&I club
1615 – 1627	<i>Insurance risks (HF perspective)</i>	Martin Crawford Ever Ocean
1630 – 1642	<i>Human Centred Goal Directed Risk Management Methodology in the Maritime Socio-technical Domain</i>	Martijn Schipper MARIN
1645 – 1657	<i>Human Factors and PSC: Findings, Trends and Lessons to be Learned</i>	Apo Belokas SAFETY4SEA
1700 – 1730	Panel Open Discussion. To join the Panel: Emma MacCarthy West of England Insurance Services	
18:30 – 22:30	IMHFS 2025 Dinner, sponsored by Chartworld Shipping Corporation , at Merchants House of Glasgow	

End of Day 2

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Day 3 | 5th of December

0830 – 0900 Morning Coffee

0900 – 0930 **Keynote:** *Ensuring a Safe Maritime Decarb Transition through Human Factors Readiness*

[Ilse Houting](#) | LR

0930 – 1100 **S7: Decarbonisation and Human Factors**

Chair: [Martin White](#) | Stream Marine Group

0930 – 0942 *The Knowledge Gap when it Comes to Hazards Associated with Li-Ion Batteries*

[Adrian Scales](#) | Brookes Bell

0945 – 0957 *Identification of Risks Associated with Vessels with Alternative Fuels*

[Francesco Sandrelli](#) | Chamber of Shipping

1000 – 1012 *The Hidden Crew of Net Zero*

[Aly Elsayed](#) | The Nautical Institute

1015 – 1027 *Co-Creation of the Safe Decarbonisation for the Maritime Sector: Current Challenges and Strategy Development*

[Osman Turan](#) | University of Strathclyde

1030 – 1100 Panel Open Discussion

1100 – 1130 Coffee Break

1130 – 1315 **S8: Maritime Safety Culture**

Chair: [Adrian Kawaguchi](#) | MCA

1130 – 1142 *Learning from Accidents: A Person-Centred Approach*

[Nippin Anand](#) | Novellus Solutions

1145 – 1157 *Is it Possible to Identify and Take Action on Incident-causing Factors before an Accident Happens?*

[Toon van de Sande](#) | PsyFyi

1200 – 1212 *Beyond Compliance: Interpreting Safe Manning for Crew Work and Fatigue*

[Adriana Quesada Juarez](#) | WMU

1215 – 1227 *Maritime Safety Culture from Compliance to Care*

[Eskild Lund Sørensen](#) | Intactix Systems Inc.

1230 – 1242 *People Matter: The Human Element Reality*

[Sean Noonan](#) | Faire Innovare Ltd

1245 – 1315 Panel Open Discussion

1315 – 1345 IMHFS 2025 Closing Remarks

End of IMHFS 2025

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