

MAKING THE MARITIME WORLD A SAFER PLACE

This symposium is a knowledge dissemination event resulting from the EU Horizon Project **SAFEMODE**



Strengthening synergies between Aviation and Maritime in the area of Human Factors towards achieving more efficient and resilient MODES of transportation.

1st International Maritime Human Factors Symposium

"Safety, Risk and Human Reliability in the Maritime Domain"

28th-30th November 2022

University of Strathclyde
Glasgow, United Kingdom

The event runs for three days. Symposium will be between the 28th-29th. The last day, the 30th of November, is dedicated to the steering committee meeting.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 814961.

Topics covered in the 2022 IMHFS will include:

- Results from the EU Horizon 2020 SAFEMODE Project
 - Basic and Applied Research results
 - Description of a SAFEMODE legacy repository and its impact upon future research and applied shipping activities
- Keynote speakers with insights into how SAFEMODE results can be applied in the industry
- Keynote speakers who will address the challenges of risk and human performance assessment in future maritime operational environments

Agenda

28th of November - DAY 1		
09:00-09:30	Coffee&Registration&Meeting	
09:30-10:00	Keynote Speech (Importance of Human Element in marine safety investigation)	Enrico Gironella-EMSA
<i>Learning from Accidents and Incidents -Taxonomies and Databases (Chair: Scott MacKinnon)</i>		
10:00-10:20	SHIELD Presentation	Rafet Emek Kurt-UoS
10:20-10:40	Demonstrating the Use of SHIELD Taxonomy	Dave Watkins-CHIRP
10:40-11:00	G+ and Offshore Wind Incident Data Report	David Gana- G+
11:00-11:30	Panel Discussion	
11:30-11:40	Coffee Break	
<i>Safety Culture (Chair: Emek Kurt)</i>		
11:40-12:00	SafetyEye App Demonstration	Louis de Wolf – CalMac Ferries Simone Pozzie - DBL
12:00-12:20	Safety Culture Assessment in Maritime	Volkan Arslan - LR
12:20-12:40	Opportunities and Challenges of Accident Investigations in the US and How to Integrate Human Factors Related Causes for High Reliability?	Bahadir Inozu – S-Focus
12:40-13:10	Panel Discussion	
13:10-14:00	Lunch	
<i>Human Factors in Design (Chair:Osman Turan)</i>		
14:00-14:20	Human Risk Informed Design Framework	Pelin Erdem - UoS
14:20-14:40	Human Factors Compass	Simone Pozzi - DBL
14:40-15:00	HF Self-Assessment and HF in Design	Terry Luke - OCIMF
15:00-15:20	Integrating HURID into the Maritime Risk-Based Design Framework	Manolis Annetis - NTUA
15:20-15:50	Panel Discussion	

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15:50-16:00	Coffee Break	
<i>Automation and Support (Chair: Rafet Emek Kurt)</i>		
16:00-16:20	Automation and Support	Scott MacKinnon - Chalmers
16:20-16:40	Findings of EU funded AUTOSHIP Project	Gerasimos Theotokatos - UoS
16:40-17:00	Findings of EU funded SAFEPASS Project	Fotios Stefanidis-UoS Evangelos Stefanou-UoS
17:00-17:30	Panel Discussion	
<i>Maritime Human Factors Centre Launching</i>		
18:00 – 18:10	Welcome Address (Markku Mylly)	
18:10 – 18:20	Opening Speech	
18:20 – 18:30	Speech by Centre Director, Professor Osman Turan	
18:30 – 19:00	Tour of the facilities	
19:00 – 20:00	Drinks&Food Reception/Networking	

29th of November - DAY 2		
08:30-09:00	Coffee&Registration&Meeting	
09:00-09:30	Keynote Speech	Tor Svensen - RCCL
<i>Wellbeing and Occupational Incidents (Chair: Osman Turan)</i>		
09:30-09:50	Practical implementation of HF Investigations	Louis de Wolf – CalMac Ferries
09:50-10:10	Towards a Trauma-Informed Maritime Industry – for Safety and Wellbeing	Rachel Glynn-Williams Recall Recover Ltd Lesley Walker Seaways Psychology Services
10:10-10:30	Safety Challenges at Sea: Data and Evidence	Olanrewaju Okunribido - HSE
10:30-10:50	Crew Work Load Assessment and Effect of COVID	Adam Kelly-UoS
10:50-11:20	Panel Discussion	
11:20-11:30	Coffee Break	
<i>Quantification of HF Risk and Safety (Chair: Rafet Emek Kurt)</i>		
11:30-11:50	Developing, Applying and Quantifying SAFEMODE Risk Models to Support Learning from Maritime Accidents	Panagiotis Sotiralis- NTUA
11:50-12:10	Prediction of Human-Machine Interface Operational Errors for Maritime autonomous surface ships (MASS)	Emre Akyuz - ITU
12:10-12:30	Human Reliability Assessment in Maritime Operations	Sung Il Ahn-UoS
12:30-13:00	Panel Discussion	



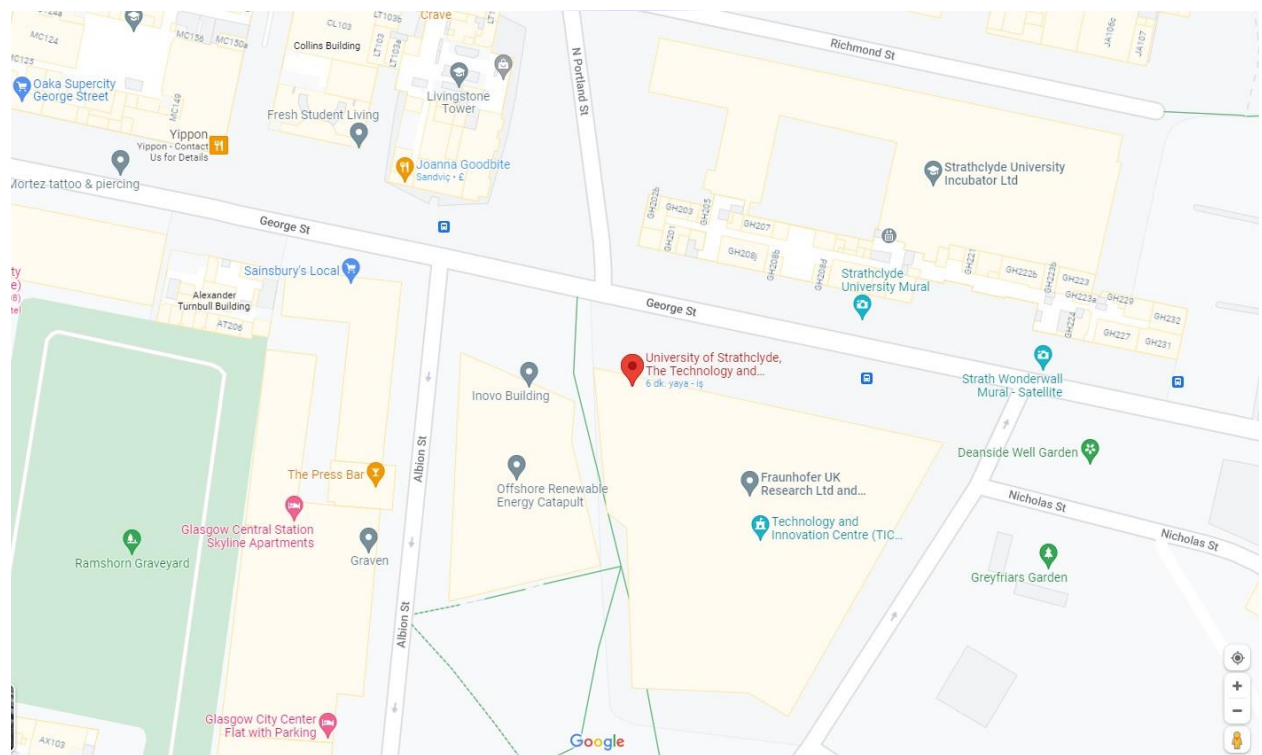
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13:00-14:00	Lunch	
<i>Human In the Loop (Chair: Scott MacKinnon)</i>		
14:00-14:20	Proactive Safety	Peter Broadhurst-INMARSAT
14:20-14:40	A Simulator-based Human Performance Assessment of Ship Engine Room Operators: An fNIRS Study	Stephen Symes - LJMU
14:40-15:00	Using the SAFEMODE Risk Models Retrospectively	Yasser Farag-UoS
15:00-15:20	Case Studies:Human Response in Full Mission Bridge Simulator/Collision Case	Esmā Uflaz-UoS
15:20-15:50	Panel Discussion	
15:50-16:00	Coffee Break	
<i>Closure</i>		
16:00-16:30	Discussions	Scott Mackinnon, Osman Turan and Rafet Emek Kurt

30th of November - DAY 3		
09:00-09:15	Coffee&Meeting	
09:15-12:15	Scientific Committee Meeting	
12:15-13:15	Lunch	



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Venue Address: Technology and Innovation Centre (TIC) Conference, Meetings & Events - University of Strathclyde, 99 George St, Glasgow G1 1RD
(The event is going to take place on the 9th floor)

For more information;

<https://imhfs.my.canva.site/imhfs2022/#information>

For abstract submission;

https://stratheng.eu.qualtrics.com/jfe/form/SV_2aBsm7UNX4GvNJA



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