



Human Factors

19-20 February 2020, London, UK

Call for Papers

The work of naval architects and marine engineers directly influences the operability and safety of the vessel and the seafarer. Decisions made at the design stage can affect human behaviour and health and an improved understanding of ergonomics by engineers can 'design out' hazards and prevent incidents, both to the individual and the vessel.

Research shows that more than 80% of accidents at sea are caused by human related factors. Crew complements are being driven down through increasing use of automation but there remain many tasks that can be completed only by humans. This dilemma can create an increased risk of human error.

Under manning of ships, insufficient training, inadequate knowledge of the entirety of technology present onboard, lack of emergency drills etc can all widen the scope for human error. Even seemingly minor errors by a single person can lead to a series of errors and so it is critical that their nature is fully transparent and understood throughout the management chain to ensure appropriate action can be taken at the right level.

This conference aims to bring together international specialists and professionals including designers, ship operators, seafarers, equipment manufacturers and regulators to highlight how an improved understanding of human factors can reduce costs and improve safety. RINA invites papers on all related topics, including:

- Design for occupational health and safety
- Integration of human factors into the design process
- Feedback from the users into the design loop
- Examples of practical applications of human factors engineering
- Habitability
- Design of navigation & control systems
- Design for performance
- Ashore and onboard operational organisation and teamwork
- Safety, performance and management
- Survivability, escape and evacuation systems

Selected papers may be published in the Transactions of the Royal Institution of Naval Architects

If you are interested in submitting an abstract please click on:
https://www.rina.org.uk/Register_Interest_in_Event.html

☐ I would like to offer a paper and attach a synopsis of no more than 250 words

Please submit your abstract before 21st October 2019

☐ I wish to receive details on exhibition space and sponsorship opportunities

Name:	Position:
Company:	
Address:	
	Postcode:
Telephone:	Email:

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