



# Human Factors in Ship Design and Operation

16-17th November 2011, RINA HQ, London, UK



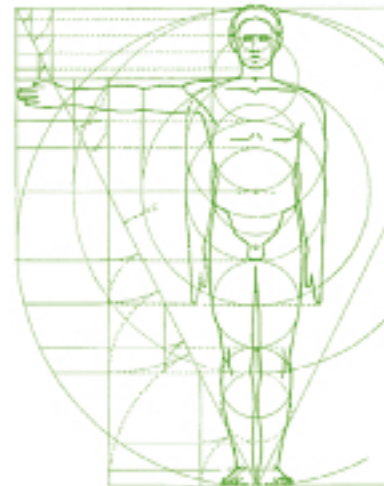
## Call for papers and First Notice

The work of naval architects and marine engineers directly influences the operability and safety of the vessel and the wellbeing of the seafarer. Design decisions can influence human behaviour. An improved understanding of ergonomics by engineers can 'design out' hazards and prevent pollution incidents. The shortage of seafarers can be mitigated by design for improved habitability and better operation with lean manning

With ever more complex systems and technology greater improvements in safety can be achieved through a better understanding of human/system dynamics. A greater awareness of the role played by management structures, culture, procedures and regulation in safe and effective operation.

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 reduced costs and improve safety. The conference will cover the following topics:

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



[www.rina.org.uk/humanfactors11](http://www.rina.org.uk/humanfactors11)

- ☐ I wish to offer a paper and attach a synopsis of no more than 250 words by **4 July 2011**
- ☐ I would like to receive a full programme brochure and registration form
- ☐ I wish to receive details on exhibition space and sponsorship opportunities

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