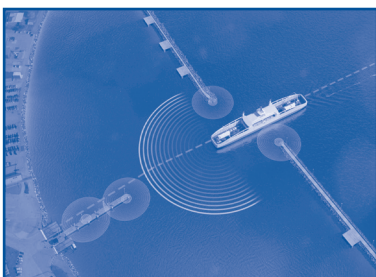
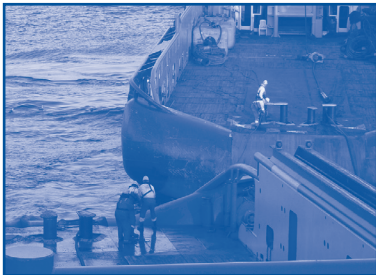
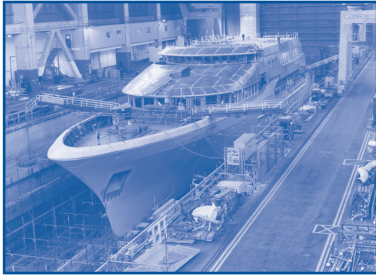




# Marine Design 2020

15-16 January 2020, Cadiz, Spain



## Call for Papers

Marine Design 2020 will return to provide a forum for reporting and discussing Marine Design practice and technical innovation, including Human Systems Integration. Marine Design is a holistic design process with a strong focus on the end users as well as stakeholders in the design process, based on the principles of Industrial Design. Effective Marine Design requires a multidisciplinary design team of Naval Architects, Industrial Designers, Human Factors specialists, Environmental Psychologists and Interior Designers. The start of the Marine Design process involves understanding the personas and needs of the end user. The aim of Marine Design is to improve the aesthetics, human factors and functionality of a vessel or system, and its' marketability. Human Systems Integration provides a through-life, integrative framework with the potential both to enhance safety and increase performance while reducing through life costs.

This approach represents an opportunity for Marine Design to enhance the design meaning, user experience and provide innovative solutions, resulting in competitive advantage through product differentiation.

The conference will present technical papers on several aspects of Marine Design, including:

- Design Visualisation (including design methodologies, design practice, innovative concepts, design analysis tools, Computer Aided Design), TOI (Transfer of Innovation) from other industry sectors).
- Human System Integration (including HFE (Human Factors Engineering), Maritime Security, UCD (User Centred Design) Methodologies, Emotional Design Methodologies, Empathic Design Methodologies, 'Aging in Place', TOI (Transfer of Innovation) from other industry sectors).
- Sustainability in construction (including one-off construction and series production issues, facility design, materials, joining technologies, reconstructions and rebuilds of historic craft, results of simulation).
- Sustainability in operation (including, equipment, results of sea trials, results of instrumentation, results of simulation, TOI (Transfer of Innovation) from other industry sectors).
- Implementation of regulations in the design process (including international, national, and regional regulatory frameworks, classification, codes of practice, rating rules).
- Virtual work/learning environments (including, CPD for marine designers, networking opportunities for innovation and exchange, virtual work environments to facilitate multi-disciplinary, multinational teams).

If you are interested in submitting an abstract please click on:  
[https://www.rina.org.uk/Register\\_Interest\\_in\\_Event.html](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 21<sup>st</sup> October 2019**

I wish to receive details on exhibition space and sponsorship opportunities

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