



# SURV 10

## Surveillance, Search and Rescue Craft

13-14 January 2021, London, UK

### Call for Papers

The Royal Institution of Naval Architects will continue its successful SURV series of International Conferences now in its tenth edition. The conference will provide a forum for discussion of both military and civilian vessels. We hope to include papers across the full range of vessels, equipment and methods, used by pilot craft, coastguards, and police as well as search and rescue organisations. Topics will include analysis of new designs, applications, and operations of these vessels, as well as review existing vessels and their use across all marine environments.

With ever greater recreational and commercial use of the marine environment there is inevitably a higher rate of incidents where external assistance is required. This increased pressure on resources provides a new set of challenges that organisations need to adapt to, in order to continue to provide their high level of service.

With a focus on smaller and faster vessels, few sectors of the maritime industry have seen greater innovation in design. Both commercial and recreational small craft have benefited from the inspirational ideas of designers - ideas which although perhaps considered revolutionary at the time, have had a longstanding impact on the design of small craft today. This conference aims to review the new and innovative technologies available to the small craft designer and builder.



To further investigate the innovation in small craft technology, in all sectors, RINA invites papers from naval architects, class societies, operators, researchers, and builders on all related topics, including but limited to:

- Design: Practice, philosophies, testing and development
- New Vessels: Innovative features, trials and evaluation
- Construction: Materials, techniques and quality control
- Safety & Regulation: ISO standards, improvements, etc.
- Equipment: New ideas & products, control systems, navigation, auxiliary equipment
- Machinery & Propulsion: Power plants, fuel cells, batteries, system layout, propulsion
- Green Technologies
- Operation: Practices, training, health & safety, reliability, and vessel deployment
- Education & training of boat designers & Fabricators.

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

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

Please submit your abstract by 26<sup>th</sup> October 2020