



The Royal Institution of Naval Architects Presents:

SHIPBUILDING ICCAS ROTTERDAM | 2019

International Conference on Computer Applications in Shipbuilding

24 - 26th September 2019, Rotterdam

19th INTERNATIONAL CONFERENCE ON COMPUTER APPLICATIONS IN SHIPBUILDING - ICCAS 2019

How do I operate
my ship cost
Effectively?

Ship-owners seek cost efficient operation of ships under increasing competition and escalating international rules and regulations on minimizing environmental impact. Computing technologies enable instrument and control information to be collected and used to digitally manage the operational performance of the ship.

Can I digitally
manage operational
performance?

Customer demands
are increasing

Shipbuilders seek to ensure they can improve the design of ships to satisfy progressively more stringent requirements of the ship-owners, together with increased productivity and cost efficiency.

Can I improve
Design, productivity
& costs?

How do I manage
my data
effectively?

To achieve this, **Shipyards** must maximize their application and use of computing technologies by consolidating current systems, understanding future developments and how/when they should be implemented, and taking full advantage of the data and information they create to produce innovative solutions for design, build and in-service operation of the ship at sea.

Can I implement
innovative IT
solutions?

ICCAS 2019 offers a unique opportunity to present papers on success and achievements in applying computing technology to address all the above topics, an overview of ICCAS can be found on www.iccas-ships-conferences.org

Relevant Topics:

ICCAS encourages papers on all applications of computing and information technologies for use within the Shipbuilding, Marine, and Ship Operation related industries.

The primary topics for ICCAS conferences are typically:

- Evaluation, selection and implementation of a new system.
- Enhancement and/or improved use of existing computing and IT systems.
- Efficient use of data and information captured in Computing Systems.
- Research and development of a future applications of Computing Technologies the industry.
- Vendor development of system capabilities and/or functionality.
- A vision of the future potential use of Computing Technologies within the industry.
- Using Computing Technologies in a collaborative or multi-site environment.
- Procedures and practices implemented to maximise use and benefits of Computing Technologies.
- Improvements in productivity and/or performance due to the use of Computing Technologies.
- Success in applying advanced technologies (such as simulation, AR/VR, Engineering Analysis, Digital Manufacturing, Big Data, Digital Twin, Knowledge Systems, etc).
- Improvements in manufacturing quality/accuracy/productivity due to computing methodologies.
- Topics not listed above that are relevant to the industry, which are also acceptable.

ICCAS attracts topics from any stage of a ship lifecycle, from concept and early design, through detail design, planning and project management, manufacturing, production and assembly, build, and in-service operation.

Topics such as a supplier using computing technology to enhance equipment performance, a classification society that uses computing technologies to improve the quality and format of data for approval assessment, or a ship operator using computing technologies to optimise performance, are very welcome.

ICCAS particularly welcomes papers discussing the practical application of the topic in production, or proven during field trials.

Please submit your 250 word abstract before 4th February 2019

Register your Interest | Submit an Abstract | Sponsorship Opportunities

conference@rina.org.uk Tel: +44(0)20 7235 4622 Visit the website

www.rina.org.uk/ICCAS_2019