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Innovation Research & Technology
Class Frigate Program
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Expression of Interest (EOI): Flinders University Innovative Manufacturing Research

Innovation Research & Technology
Hunter Class Frigate Program

ASC Shipbuilding Pty Ltd.

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Research participants recruitment invitation

BAE/ASC Shipbuilding and Flinders University invite Industry Stakeholders to be part of an exciting research project focussing on the diffusion and uptake of innovative technologies in Shipbuilding and the supply chain.

In partnership with the Innovative Manufacturing CRC, the team will develop, test and evaluate the use of digital work management, collaborative robots, augmented reality (AR) and other innovative technologies together with assistive systems required in shipbuilding and the wider supply chain.

The research will include a multi-method approach involving physical trials, analytics, quantitative and qualitative approaches to drive the successful development and adoption of advanced manufacturing solutions in the workplace, while also improving worker wellbeing and satisfaction.

Effective technology adoption contributes to greater productivity, safety and quality outcomes, enhancing Australian Industry Capability now and in the future. Importantly, realising these benefits requires effective interactions between humans and technologies, taking into consideration the needs of the user as an effective change management approach.

By participating in this research, you will be given the opportunity to experience advanced manufacturing technologies first hand, providing insight into technology insertion in your organisation and have an industry voice in shaping the future of shipbuilding and manufacturing through shared knowledge and experience.

The research outcomes will provide a broader view to assist in future decision making with regards, the adoption and diffusion of advanced technologies in support of the growth of manufacturing in Australia.

This research project will run until March 2022, all participation is voluntary and confidential unless agreed otherwise.