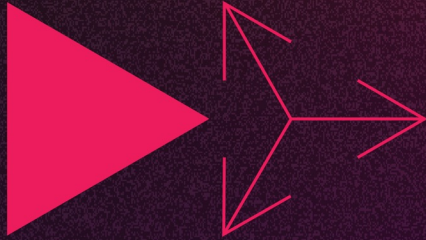


INNOVATIVE MANUFACTURING ACCELERATED

Thursday, 9 June 2022
8:00am-1:00pm
UTS Tech Lab Sydney



Dr Valerie O'Keeffe
Flinders University



Sharon Vafiadis
BAE Systems Maritime
Australia

Project Insights

Innovative manufacturing technologies in shipbuilding: the human factor

IMCRC | we champion
manufacturing
innovation

Innovative manufacturing technologies in shipbuilding: The human factors

Dr Valerie O'Keeffe | Sharon Vafiadis



Flinders University

Dr Valerie O'Keeffe



Flinders
UNIVERSITY

ImcRC | we champion
manufacturing
innovation

Research

Human Factors

- Accelerating uptake
- Innovative manufacturing
- Human factors lens



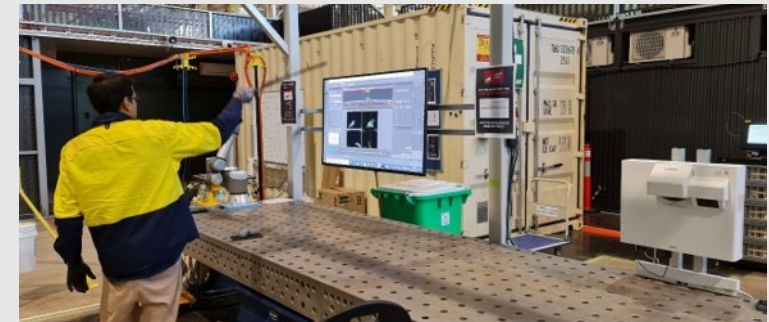
Technology Adoption

- Human-technology interaction
- Work transformation
- Cultural change



Line Zero

- Testing facility
- Manage risk
- Proof of concept



Importance and value

Impact

- Line Zero to Factory of Future
- Broader engagement
- Real world applications



Practical Applications

- Exposure to technologies
- Technology adoption
- Business growth



Opportunities

- Adoption and scale
- Social and economic benefits



BAE Systems Australia

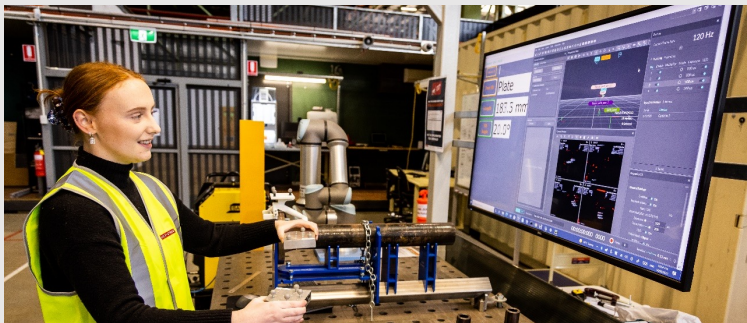
Sharon Vafiadis



Transition to a digital shipyard

Innovation & discovery

- Why shipyard research
- Workforce engagement
- Trials



Cooperation

- Collaboration & transparency
- Networking
- Building long term trust



Best practice

- Efficiency
- Value add
- Collective approach



An industry perspective

Trial snap-shot

- Setting the stage
- Stimulating interest
- Feedback



Impact

- Enthusiasm
- Challenges
- Commitment



Industry strategy

- Digitisation
- Industry 4.0
- Adapting technology





Thank you.