

## SUBMARINE/UNDER-SEA TECHNOLOGY IN FOCUS ON FINAL DAY OF CONFERENCE

A broad range of submarine and under-sea technology issues will be examined in detail on the final day of Indo-Pacific's leading forum on submarines – the annual Submarine Institute of Australia (SIA) conference.

The final day of the conference – the 6<sup>th</sup> Submarine Science, Technology and Engineering Conference (SubSTEC6) – is taking place tomorrow (Wednesday, 10 November) at the Adelaide Convention Centre. Approximately 250 delegates are attending in person and a further 100 are participating via a live online stream, for delegates who are unable to be at the event because of coronavirus pandemic travel restrictions.

Presentations tomorrow (and the timing of them) include:

- 9.30am: “Risk management for emerging submarine technologies”, Frazer-Nash Consultancy – Mr Mick Warren, Mr John Viskic
- 10am: “An integrated framework for evaluating the opportunities in developing and maintaining Australian leading-edge submarine capabilities”, Systems Planning and Analysis Australia – Mr David Brown
- 11am: “Next-generation integrated photonic sensors for under-water communications, navigation and awareness”, University of Queensland – Professor Warwick Bowen
- 12pm: “Optimising submarine sleeping berths: impact of bunk orientation and motion on sleep and cognitive performance”, University of South Australia – Professor Siobhan Banks, Dr Raymond Matthews
- 2pm: “Emerging technologies to support noise reduction in submarine systems”, IMI Critical Engineering – Mr Norman Voss
- 3pm: “Real-world advice for maximising Australia’s submarine main storage battery capability”, Pacific Marine Batteries – Mr Greg Carmody

All times above are local Adelaide time.

“The diverse set of topics that will be covered on the final day of presentations encapsulates the fact that the SIA’s SubSTEC6 is a major focus of innovative submarine research and development,” said SIA Executive Director, David Nicholls.

“Emerging submarine technologies ranging from under-water communications to noise reduction and even the importance of optimising sleeping bunk orientation will be discussed and debated at SubSTEC6.

“There has been an excellent response to the conference to date and the SIA looks forward to more compelling presentations on the final day.”

The theme of SubSTEC6 is: ‘Home grown undersea technology: how can Australian academia and industry provide a capability edge?’.

To access the full conference program, please visit the SIA website (by clicking [here](#)).

Defence West is the gold sponsor of SubSTEC6.

**Further information:**

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*The Submarine Institute of Australia ([www.submarineinstitute.com](http://www.submarineinstitute.com)) is the premier organisation for promotion of informed discussion and research in the fields of submarine operations, engineering, history and commercial sub-sea engineering, otherwise known as submarine matters.*

