



11 March 2022

SIA Ref: 22/CFP/0129

**Submarine Institute of Australia  
11<sup>th</sup> Biennial Conference  
7 – 9 November 2022 Hotel Realm, Canberra**

**CALL FOR PRESENTATIONS**

The announcement of the [AUKUS Agreement](#) on 16 September 2021, agreeing to the acquisition by Australia of nuclear-powered submarines, resulted in a radical shift in strategic planning for the future Australian submarine force.

The Submarine Institute of Australia ([SIA](#)) 11<sup>th</sup> Biennial Conference (7 – 9 November, Hotel Realm, Canberra) will focus on the unique and unprecedented challenges associated with the decision to acquire nuclear-powered submarines provides for the Australian defence community

The SIA invites Australian and international government agencies, maritime academic research and industry organisations to participate in the conference and to contribute presentations aligned with the conference theme of:

***Nuclear-Powered Australian Submarines - Challenges and Opportunities***

Cost, schedule, training and technical risk factors associated with the introduction of nuclear-power technologies, in a time frame commensurate with the avoidance of any 'Capability Gap' in submarine availability, presents a huge challenge for Government, Industry and Academia. This conference focuses on the full spectrum of sovereign and international academic and industrial collaboration and support required to successfully transition from an Australian submarine capability focused on the maintenance and evolution of the Collins Class submarines to a capability focused on the ability to manufacture, maintain and evolve an Australian nuclear-powered submarine capability.

The audience we seek for the conference includes at least:

- Australian and International submarine enterprise participants - government, industrial and academic – covering the infrastructure to construct, support and operate an Australian nuclear-powered submarine force.
- Australian and International shipbuilding and repair organisations
- Maritime materials organisations involved in nuclear-powered submarine construction and sustainment.
- Organisations involved in nuclear fuel production, storage, transportation and waste management
- Organisations involved in undersea warfare technologies, including but not limited to, future conventional weapons systems that might be employed in AUKUS nuclear powered submarines

The SIA is currently seeking proposals for in-person presentations that align well with the conference objective and theme. Supporting written papers are not required. Accompanying PowerPoint presentations will be made available to conference delegates.

Abstracts (250 words maximum) - outlining proposed presentations, for review and acceptance by the SIA – should be submitted by no later than **Tuesday 31 May 2022**. The selection of presentations will be made and all applicants advised by **Thursday 30 June 2022**.