



ANA2023 Conference

Friday 6 Oct 2023

UTS Aerial Function Centre
Level 7, UTS Building 10, 235 Jones Street, Ultimo 2007

Theme: Choices in Nuclear

PROGRAM

08.00 Registration Desk Opens

09.00 Opening and Welcome: Dr Mark Ho, President ANA

09:05 SESSION 1:

Session Chair: Dr Mark Ho, President ANA

FUTURE OF NUCLEAR

09:05 ANSTO's Role in Australia's Nuclear Future.

Pamela Naidoo-Ameglio, Group Executive, Nuclear Operations and Nuclear Medicine, ANSTO

09:30 United States Bipartisan Policy on Nuclear Energy. Jeff Navin, Boundary Stone Partners

09:55 Effect of Nuclear Energy on Total System Electricity Costs. Stephen Wilson, University of Queensland

10:20 Break for Tea/Coffee (10:20 – 10.50)

10:50 Session 1 continues

10:50 How Nuclear could contribute to Net Zero by 2050, Ted O'Brien MP, Federal Member for Fairfax, Queensland, Shadow Minister for Climate Change and Energy.

SESSION 2

Session Chair: Helen Cook, GNE Advisory

SMALL MODULAR and ADVANCED REACTORS

11:15 Westinghouse Technology Solutions: Reactors from 5 MWe to 1000MWe. Rita Baranwal, Chief Technology Officer, Westinghouse Electric Company

11:40 TerraPower: Sodium Reactor and Integrated Storage. Jeff Navin, Boundary Stone Partners (BSP) and TerraPower

12:05 Ultra Safe Nuclear Corporation – Micro Modular Reactor (MMR). James Voss, Managing Director, USNC Australia

12.30 Lunch (12:30am -1:30pm)

AFTERNOON SESSIONS

1:30 pm SESSION 3

Session Chair: Michelle Durant, AINSE

NUCLEAR SCIENCE AND TECHNOLOGY

1:30 Nuclear-Powered Submarines for Australia.

Vice Admiral Jonathan Mead AO, Director-General of the Australian Submarine Agency, Royal Australian Navy

Presented by Jasmin Craufurd-Hill, Assistant Director-General, Technology Enterprise, Australian Submarine Agency.

1:55 Regulatory Framework for Nuclear and Radiation Facilities in Australia.

Jim Scott, Chief Regulatory Officer at Australian Radiation Protection and Nuclear Safety Agency (ARPANSA)

2:15 Stawell Underground Physics Laboratory.

Prof Virginia Kilborn, Chief Scientist, Swinburne University of Technology

2:35 SILEX Laser Isotope Separation Technology,

Dr Michael Goldsworthy, Managing Director and CEO, Silex Systems

2:55 Emergency preparedness, people, and capability. The drive behind ANSTO CORIS360 technology to find a lost radioactive capsule.

Rhiarn Hoban and Bronte Sial, ANSTO

3:15 pm Break for Tea/Coffee

3:40 pm SESSION 4:

3:40 Panel 1: Growing the Australian Nuclear Workforce

Moderator: Jasmin Diab, WiN Australia

Panel: Rita Baranwal, Westinghouse
David Gillespie MP, Parliament of Australia
Pamela Naidoo-Ameglio, ANSTO

4:20 Panel 2: Australia's Nuclear Energy Opportunities

Moderator: Jo Lackenby, ANA

Panel: Tony Irwin, SMR Nuclear Technology
Ted O'Brien MP, Parliament of Australia
Stephen Wilson, Univ Queensland

Closing Comments

5:00 pm Post-Conference Reception for discussion/networking