



# **ANA2023 Conference**

**Friday 6 Oct 2023**

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

**Theme: Choices in Nuclear**

**DRAFT PROGRAM (17 Sept 2023)**

**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 US 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 (10:45 – 11.15)**

**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.

**11:15 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 (12:30-13:30)**

## 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
- 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 Ltd
- 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

**Panel 2: Australia's Nuclear Energy Opportunities**

**Moderator:** Jo Lackenby, ANA

**Closing Comments:**

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