



ANA2022 Conference

Friday 8 April 2022

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

Theme: Progress in Nuclear

PROGRAM

08.00 Registration Desk Opens

09.00 Opening and Welcome: Joanne Lackenby, President ANA

09:05 SESSION 1:

Session Chair: Joanne Lackenby, President ANA

FUTURE OF NUCLEAR IN AUSTRALA

1. OPENING

Politics of Nuclear – Hon Dr David Gillespie MP, Co-Chair Parliamentary Friends of Nuclear Technologies.

2. Keynote 1 – ANSTO Collaboration – a Key Enabler for Australia’s Nuclear Renaissance – Andrew Peele, Group Executive Nuclear Science and Technology, ANSTO

3. Keynote 2 – What would be required for nuclear energy plants to be operating in Australia from the 2030s? – Prof Stephen Wilson, University of Queensland.

10:30 Break for Tea/Coffee (10:30 – 11.00)

11:00 SESSION 2

Session Chair: Jasmin Diab, President WiN

PROGRESS IN NUCLEAR POWER

4. Keynote 3 – Light Water Reactors – large reactors and SMRs – Tony Irwin, SMR Nuclear Technologies.

5. Advanced Reactor Designs – Edward Obbard, UNSW.

6. Advanced Reactors – Materials Challenges – Ondrej Muránsky, ANSTO.

12.30 Lunch (12:30-13:15)

AFTERNOON SESSIONS

13:15

SESSION 3

Session Chair: Helen Cook, GNE Advisory

PROGRESS IN NUCLEAR SCIENCE AND TECHNOLOGY

7. **The Synroc Waste Treatment Facility at ANSTO** – Rohan Holmes.
ANSTO
8. **Uranium Mining in Australia and Demand.** Daniel Zavattiero, Minerals Council of Australia.
9. **Progress in Management of Low and Intermediate Level Radioactive Waste.** Paula Berghofer - General Manager, ANSTO Waste Operations.
10. **Australian Institute of Nuclear Science and Engineering (AINSE) -**
Michelle Durant, Managing Director AINSE.
11. **Women in Nuclear (WiN)** – Jasmin Diab, President WiN.
12. **Australian Young Generation Nuclear (AusYGN)** – Ciara Collins,
President AusYGN

15:00

Break for Tea/Coffee

15:30

SESSION 4:

Chair: John Harries, ANA

INTRODUCING A NUCLEAR PROGRAM

13. **Nuclear-Powered Submarines** – Cmdr John Peter Bullard, Royal Navy
(Rtd)
14. **International Experience of Countries interested in Introducing
Nuclear Power.** – Helen Cook, GNE Advisory
15. **Panel Session – The Future of Nuclear**
Stephen Wilson, University of Queensland
Tony Irwin, SMR Nuclear Technologies
Helen Cook, GNE Advisory

Closing: Joanne Lackenby, ANA President

17.00

Post-Conference Reception for discussion/networking