



ANA2019 Conference

Friday 27 September 2019

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

Theme: Nuclear for a Low Carbon Future

PROGRAM

DRAFT 30 August 2019

08.00 Registration Desk Opens

09.00 Opening and Welcome
Mark Ho, President ANA

09:05 SESSION 1:
Session Chair: Mark Ho

ENERGY POLICY IN AUSTRALIA AND AROUND THE WORLD

1. OPENING

Hon John Barilaro, Deputy Premier, and Minister for Regional New South Wales, Industry and Trade.

2. Decarbonising Energy Transition in China [Keynote]

Dr Jiang Kejun, Director Energy Research Institute, National Development and Reform Commission, Beijing, China.

3. Framework for Decarbonising Australian Energy [Keynote]

Stephen Wilson, Professor — Centre for Energy Futures, School of Mechanical and Mining Engineering, University of Queensland

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

11:00 SESSION 2

Session Chair: Joanne Lackenby

ADVANCES IN NUCLEAR POWER

4. NuScale SMR – Progress towards Deployment [Keynote]

Tom Mundy, Chief Commercial Officer, NuScale Power

5. Advanced Reactor Development in China

Jiang Kejun, Director Energy Research Institute, National Development and Reform Commission, Beijing, China

6. Benefits of Nuclear for Australia

Robert Parker, ANA.

12.45 Buffet Lunch (12:45-13:30)

AFTERNOON SESSIONS

13:30

SESSION 3

Session Chair: Edward Obbard

NUCLEAR TECHNOLOGY IN AUSTRALIA (1)

7. **Neutron Scattering for Industrial Materials**
Vanessa Peterson, ANSTO
8. **Neutron Capture Enhanced Particle Therapy: A new frontier in hadron therapy**
Mitra Safavi-Naeini, ANSTO
9. **Nuclear Organisations (5min each)**
 - Aust Young Generation Nuclear (AusYGN) Julia Garside
 - UNSW Students for Nuclear Energy (SFNE) Lillian Caruana
 - Women in Nuclear (WiN) Joanne Lackenby
10. **Nuclear Education (5 min each)**
 - AINSE Ltd Michelle Durant
 - UNSW Nuclear Engineering tba

15:00

Break for Tea/Coffee

15:30

SESSION 4:

Chair: Katherine Smith

NUCLEAR TECHNOLOGY IN AUSTRALIA (2)

11. **A Synroc Waste Treatment Facility**
Daniel Gregg, ANSTO
 12. **National Radioactive Waste Management Facility**
Rebecca Mackenzie, National Radioactive Waste Management Facility Taskforce
 13. **Panel Session – Chair Mark Ho, ANA
Nuclear for a Low Carbon Future**
 - Jiang Kejun, Director Energy Research Institute, China
 - Tony Frencham, Group Senior Vice President, Power Sector, Worley
 - Tom Mundy, Chief Commercial Officer, NuScale Power
 - Stephen Wilson, UQ
- Closing:** Mark Ho ANA President

17.00

Post-Conference discussion/networking