



# Conference Program

## Tuesday 21<sup>st</sup> October

**0830-1700** Registrations Open

**0900-1030** WiN-2014 Opening Ceremony

*Conference Opening- Dr Se-Moon Park, WiN Global President*  
*Acknowledgement of Country – Ms Jasmin Craufurd-Hill, WiN Australia President*  
*VIP and Sponsor Acknowledgement*  
*Welcome on behalf of ANSTO – Dr Adi Paterson*  
*WiN Award Presentations – Dr Adi Paterson and Dr Se-Moon Park*  
*Conference Opening Keynote Address – Dr Erica Smyth*

**1030-1100** Morning Tea

**1100-1230** Session 1 Presentations - Broader Considerations of Nuclear Technologies

*1100-1130 CONFERENCE OPENING PLENARY ADDRESS*  
*Dr Ma Lu - State Nuclear Power Technology Corporation (China)*

*1130-1150 Dr Jodie Evans – Australian Safeguards and Non-Proliferation Office (Australia)*

*1150-1210 Dr Jenny Nielsen – University of Queensland (Australia)*

*1210-1230 Panel Discussion*

**1230-1330** Lunch & Judging of Poster Session

**1330-1500** Session 2 Presentations - New developments in Nuclear & Radiation

*1330-1400 David Vittorio - Australian Nuclear Science and Technology Organisation (Australia)*

*1400-1420 Sarah Ballantyne – ANSTO Nuclear Medicine (Australia)*

*1420-1440 Dr Elizabeth Bailey – Royal North Shore Hospital (Australia)*

*1440-1500 Panel Discussion*

**1500-1540** Afternoon Tea and Young Generation Networking Event

**1540-1700** Session 3 Presentations - Engaging with the Public, Government & Media on Nuclear

*1540-1600 Nadia Levin – Australian Nuclear Science and Technology Organisation (Australia)*

*1600-1620 Dr Irene Aegerter – Cogito Foundation (Switzerland)*

*1620-1640 Ben Heard – Think Climate (Australia)*

*1640-1700 Panel Discussion*

**1730-1930** Welcome Reception

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**Wednesday 22<sup>nd</sup> October**

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**0830-1700** Registrations Open**0900-1025** Concurrent Technical Sessions

0905-0925 *The role of the Nigerian Research Reactor in Human Capacity Development* *Could neutron research provide solutions for modern industrial challenges?*  
*Edemanwayn Bassey Ita* *Dr Anna Paradowska*

0925-0945 *Enhancing Human Resource Development for Nuclear Power Programme in Malaysia through PUSPATI TRIGA Reactor* *Chemical Deuteration at the National Deuteration Facility*  
*Zarina Masood* *Dr Anwen Krause-Heuer*

0945-1005 *Dismantling the public distrust on nuclear power via social network games* *A high performance neutron powder diffraction facility at TRIGA mark-II research reactor in Bangladesh*  
*Hyo Jeong Kim* *Mst Sanjida Aktar*

1005-1025 *Developing a Nuclear Engineering Program at UNSW* *ANSTO's Environmental Monitoring Program*  
*Prof John Fletcher* *Emmy Hoffmann*

**1025-1035** Conference Official Photograph**1035-1100** Morning Tea**1100-1240** Concurrent Technical Sessions

1100-1120 *Decommissioning strategy of KHNP and current preparation* *Nuclear forensic science at the Australian Nuclear Science and Technology organisation (ANSTO)*  
*Heeran Jeong* *Kaitlyn Toole*

1120-1140 *Flux screen design for NTD in the RA-10 project* *Radiation Detection for Border Security Applications*  
*Dr Ana Cintas* *Alison Flynn*

1140-1200 *Advanced Design Features and Passive Reactor Core Cooling Systems in NPP* *HEU Minimisation in Australia*  
*Duaa Aljilani* *Dr Therese Donlevy*

1200-1220 *Service and Maintenance of a Primary Side On-line Chemistry Monitoring System of KNPP and cooperation between KNPP and Energoservice Personnel* *Technical advance in radiation therapy of cancer - an example of liver cancer*  
*Ralitza Penkova* *Dr Jinsil Seong*

1220-1240 *Effect Analysis of Technical Specifications for improving MCR Systems in Nuclear plants* *The use of nuclear science and technology in advanced brain imaging*  
*Tao Tang* *Prof Richard Banati*

**1240-1340** Lunch & Final Review of Poster Session**1340-1500** Country Reports**1500-1530** Afternoon Tea & Removal of Posters**1530-1655** WiN Global General Assembly**1655-1700** Conference Closing Ceremony & Presentation of Best Poster Award**1900-2330** Gala Dinner - L'Aqua

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