



ANA2013 CONFERENCE



Nuclear Science and Technology in Action

Friday, 11th October 2013

Sydney Mechanics School of Arts, 280 Pitt St, Sydney, NSW

The Tenth biennial Australian Nuclear Association Conference on
Nuclear Science and Engineering in Australia

- Exciting science, medicine and innovative advances using nuclear techniques
- Updates on uranium mining in Australia and nuclear power developments
- Neutrons from OPAL research reactor and x-rays from Australian Synchrotron
- Achievements in nuclear science, engineering and technology

You are invited to register for the Tenth Australian Nuclear Association (ANA) Conference on Nuclear Science and Engineering in Australia (ANA2013). This is a great opportunity to hear what is happening and to discuss nuclear science and technology developments in Australia and around the world.

Please register for the ANA2013 Conference by completing the [registration form](#) on the ANA website (www.nuclearaustralia.org.au). If you need further information please contact ANA (ana.info@optusnet.com.au). Updates on the Conference program will also be available on the ANA website.

Indicate on the registration form if you are interested in a tour of ANSTO on Thursday afternoon 10 October or would like information on submitting a poster on a topic relevant to the theme of the conference.

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Draft Program

Keynote presentation by Dr Adi Paterson, ANSTO, on ***60 years of Nuclear Science Benefiting Australians.***

Other topics include:

- *materials analysis using neutron beams from OPAL reactor*
- *science at Australian Synchrotron*
- *nuclear forensics*
- *plutonium uptake in biota at former nuclear sites*
- *innovative health solutions using nuclear techniques*
- *hadron therapy for treating cancer*
- *future of radiopharmaceuticals and the proposed ANSTO nuclear medicine facility*
- *education and training in nuclear science and technology*
 - *the role of AINSE*
 - *university initiatives*
- *uranium mining in Australia*
- *nuclear security and international uranium supply agreements*
- *nuclear energy – worldwide developments*
- *nuclear energy for Australia?*
 - *report on ATSE conference*

The final session will include audience participation in a panel discussion on the future opportunities and direction of nuclear science and technology.