First Australian Synchrotron Instrument
to be Launched

This week, the first Australian synchrotron instrument valued at $1 million will be launched in Taiwan by the Australian Synchrotron Research Program (ASRP), with its Taiwanese partner – the National Synchrotron Radiation Research Centre (NSRRC).

Designed by ASRP scientists in collaboration with other Australian scientists, the new Soft X-ray Synchrotron Instrument (SXSI) is unique as it will allow ‘dirty’ minerals such as coal to be studied using synchrotron technology, which was previously not possible.

Based at ANSTO, Dr Richard Garrett, Director of ASRP, said that synchrotron scientists needed to further understand the chemistry and structure of these ‘dirty’ minerals so the ASRP was called upon to design an instrument that could successfully do this without destroying the particles they wanted to measure or contaminate the instrument.

Where: National Synchrotron Radiation Research Centre (NSRRC),
101 Hsin-Ann Road, Hsinchu Science Park, Hsinchu Taiwan

When: Thursday 27 April at 10.00am

Contact in Taiwan: Dr Anton Stampfl Tel: 0011 886 3 578 0281 ext 3290

How to get there: go to: www.user.nsrrc.org.tw/about.html

For more information and to organise a photo and interviews please contact:
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*ANSTO is the Australian Nuclear Science and Technology Organisation, the country's national nuclear research and development organisation and the centre of Australian nuclear expertise – over 70 per cent of all radioisotopes used in Australian nuclear medicine are made in ANSTO’s reactor.