



Media release

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New book celebrates ANSTO's research successes

A new report released today by the Australian Nuclear Science and Technology Organisation (ANSTO) captures the latest advancements in its research.

The *Research Selections* booklet outlines ANSTO's recent achievements and discoveries. These include new and better ways to understand and diagnose disease, discoveries of important new clues about climate change and the Australian environment, new findings about the structural soundness of materials, and innovative new ways to measure radiation.

The new research builds on exciting successes resulting from ANSTO innovation, including the start of human trials in the United States into the diagnosis of Parkinson's and Alzheimer's Disease; and the development of a world first pollution detector.

ANSTO CEO, Dr Adi Paterson said that the organisation is now seeing the results of different streams of research relating to the world class facilities attached to the Open Pool Australian Lightwater (OPAL) nuclear research reactor.

"The world is experiencing a renaissance of interest in nuclear science research, and ANSTO is perfectly placed to take advantage of this," Dr Paterson said. "The interest in OPAL from researchers around the world has helped to boost interest in ANSTO's accelerator-based and X-ray instruments and radiopharmaceutical laboratories," Dr Paterson said.

"Over the next four years, this interest will grow as a range of collaborative agreements come to fruition with organisations such as ITER in France and the European Union's CERN - home of the world's largest physics experiment, the Large Hadron Collider. In addition, the establishment of a Centre for Accelerator Science here at ANSTO will give us a suite of instruments that will put Australia at the forefront of a range of exciting new research projects."

Find out more - the *Research Selections* report is available on the ANSTO website at:
<http://www.ansto.gov.au/>

For ANSTO information please visit www.ansto.gov.au or call (02) 9717 9208.