

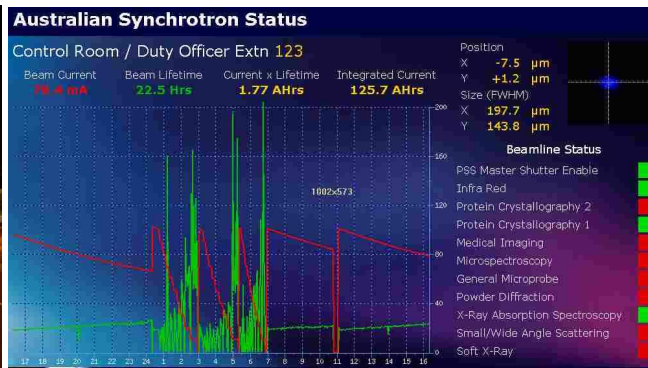


## AUSTRALIAN SYNCHROTRON

Thursday, 23<sup>rd</sup> August, 2007  
Refreshments at 5.30pm Talk at 6:15pm  
Engineering House, 447 Upper Edward St, Brisbane

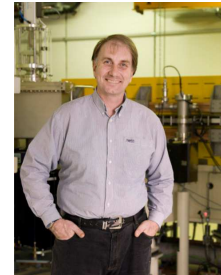
Presented by: Richard Farnsworth, Lead Control Systems Engineer of the Australian Synchrotron Project

The Australian Synchrotron has been built to serve the scientific research community throughout Australia and beyond. The Australian Synchrotron is located in Melbourne. Construction is complete and the facility will officially open for use in July 2007. First light, i.e. confirmation that a sustained beam of electrons is circulating the storage ring at the full design energy of 3 billion electron volts, was achieved on schedule in July 2006, and the first researchers are now using the synchrotron. The “synchrotron light” produced by the facility is a powerful tool for frontline research and development. This presentation will cover technical aspects of the construction, commissioning and operation of the Australian Synchrotron and its expected applications.



### Biography

Richard is the Lead Control Systems Engineer of the Australian Synchrotron Project. He is responsible for systems design, specification, procurement, testing and integration of the computer instrumentation, controls and diagnostics for the project. Richard is from Melbourne and comes from an I.T. and engineering background, having worked on systems for a variety of utilities, including water supply, sewerage, railways and power supply.



ALL VISITORS ARE WELCOME

CPD POINTS:1

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Alternatively, phone 07 3832 3749 or email [desguin@engineersaustralia.org.au](mailto:desguin@engineersaustralia.org.au)