

AINSE Gold Medal Awards for Postgraduate Students – Dr Paul Saines



Dr Paul Saines (left) receives his Gold Medal from Dr Dennis Mather, AINSE Managing Director



(From left) Paul Saines, Dennis Mather and Dr Andrew Taylor OBE, ISIS Director. (In the foreground is the ISIS HRPD instrument)

Paul Saines, utilised the High-Resolution Powder Diffractometer at ANSTO's reactor, HIFAR, through an AINSE grant as part of his Fourth Year Honours Project. He was awarded a first class Honours with University Medal in 2004. Two papers were published describing this work.

From 2005-2008 Paul was a PhD student at the University of Sydney and was in Receipt of an AINSE PGA award.

In addition to numerous synchrotron experiments at The Photon Factory and the Australian Photo Source (APS) in Japan, he conducted neutron scattering experiments at HIFAR, and ISIS, the pulsed neutron and muon source located at the UK Rutherford Appleton Laboratory near Oxford, and the National Institute of Standards and Technology in the USA (NIST), after HIFAR was shut down, as part of his PhD studies. These studies were extremely fruitful as evident from the attached publication list. Two papers are of particular note as they featured in the Journal of Solid States Chemistry "Top 25 Hottest Articles" one paper was ranked number 1 for the period January - March 2007 and another was ranked number 3 for the period October - December 2007.

Paul has presented his work at a number of national and international meetings including the International Conference on Neutron Scattering in Sydney 2005. He received an award for the best student lecture at the Wagga Condensed Matter meeting in 2006.

Paul has continuously demonstrated excellence in his research and presentations.