

Summary of Linkage Infrastructure, Equipment and Facilities Proposals

New South Wales

Australian Institute of Nuclear Science and Engineering (AINSE)

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Approved Project Title **Access for Australian Researchers to Advanced Neutron Beam Techniques**

2008 : \$ 200,000

2009 : \$ 200,000

2010 : \$ 200,000

2011 : \$ 200,000

2012 : \$ 200,000

Primary RFCD 2402 THEORETICAL AND CONDENSED MATTER PHYSICS

Partner Organisations & Collaborating Organisations

Australian Institute of Nuclear Science and Engineering (AINSE)

The Australian National University

The University of Sydney

The University of Queensland

The University of New South Wales

Griffith University

The University of Newcastle

Curtin University of Technology

The University of Melbourne

The University of Adelaide

Monash University

ANSTO

Administering Organisation Australian Institute of Nuclear Science and Engineering (AINSE)

Project Summary

The major national benefit will be access, by peer review, to the 35 specialised instruments at the world's leading pulsed Neutron and Muon source, ISIS. This complements the access to the eight neutron instruments that will operate at the Australian Reactor OPAL. This will support (or enable) high quality research into areas as diverse as materials development, mineral processing and aspects of biological and medical science. It will facilitate international collaborations that are important for both research and post-graduate student training.