

Summary of Linkage Infrastructure, Equipment and Facilities Proposals

New South Wales

University of Western Sydney

LE0989831 Prof RT Dean; Ms CA Hope; Mr JO Davis

Approved Project Title **The Australian Music Navigator: research infrastructure for discovering, accessing and analysing Australia's musical landscape**

2009 : \$ 205,000

Primary RFCD 4101 PERFORMING ARTS

Partner Organisations & Collaborating Organisations

University of Western Sydney

Edith Cowan University

Australian Music Centre Ltd

Administering Organisation University of Western Sydney

Project Summary

The aim of the Australian Music Navigator initiative is to enhance the research, analysis, discoverability and understanding of Australian art music practice through the development of an innovative online facility. In addition to enabling access to digital sound and score objects, the facility will allow for sophisticated explorations of the rich inter-relationships between creators, performs, works, manifestations, events, genres, venues, awards and research. This infrastructure will ensure the prominence and accessibility of Australian music as a subject for research, and thereby contribute to our collective ability to engage with and understand our musical heritage.

LE0989986 Dr GS Kannangara; Dr AS Milev; Prof J Bartlett; Prof PA Williams; Prof WS Price; Dr NH Tran; Dr GR Dennis; Dr RA Shalliker; Mr G Porter; Prof JW Cairney; A/Prof IC Anderson; Dr Y He; Prof EM Kennedy; Dr SC George; Dr GM Moran; Dr JA Scott; Dr DB McNevin; A/Prof Y Chen; Dr MA Wilson

Approved Project Title **Hybrid Fourier Transform Dispersive Raman Micro-Spectrometer**

2009 : \$ 230,000

Primary RFCD 2914 MATERIALS ENGINEERING

Partner Organisations & Collaborating Organisations

University of Western Sydney

The University of New South Wales

The University of Newcastle

Macquarie University

University of Canberra

CSIRO - Petroleum Resources

The Australian National University

Administering Organisation University of Western Sydney

Project Summary

This facility will be used in a wide range of existing and new research projects in government priority areas such as the development of new materials, frontier technologies for building and transforming existing industries, better understanding of diversity and functioning in mycorrhizal and other fungi in forest soils and plant roots and developing new characterisation methods for forensic investigations. The proposed equipment aims to provide outstanding opportunities for the training of research students, expanding research in the fields of materials, minerals, geological, environmental and forensic science enabling to maintain Australia's lead and competitiveness in cutting edge research and technology.