

Summary of Linkage Projects Proposals for Funding to Commence in 2007

Victoria

Swinburne University of Technology

LP0775188 Prof J Han; Dr J Schneider; Dr TD Ebringer; Mr RH Harvey; Mr AJ Rogers

Approved Project Title **Service orientated architectures in management of IT infrastructures**

2007 : \$ 96,000

2008 : \$ 96,000

2009 : \$ 81,000

Primary RFCD 2803 COMPUTER SOFTWARE

APA(I) Award(s): 2

Collaborating/Partner Organisation(s)

Computer Associates

Administering Organisation Swinburne University of Technology

Project Summary

Through the utilisation of the proposed framework for building rich business service registries, Australian companies will be able to take full advantage of service oriented architectures in constructing and managing their IT infrastructure in a way that is not currently possible. Such a registry will be able to provide a coherent view of an enterprise's services and resources, and an effective way to co-relate and utilise them, in a changing environment. The development of the framework will also further cement Australia's leading market position in providing service registries to enterprises world-wide, enhance Australia's international research reputation and provide an excellent training environment for young researchers.

LP0775400 Prof SH Masood; Prof E Shayan

Approved Project Title **An intelligent design support system for manufacturing of palletising machinery**

2007 : \$ 55,000

2008 : \$ 52,000

2009 : \$ 50,000

Primary RFCD 2903 MANUFACTURING ENGINEERING

Collaborating/Partner Organisation(s)

Alloyfab Engineering Associates Pty Ltd

Administering Organisation Swinburne University of Technology

Project Summary

The food and beverage manufacturing process in most Australian enterprises is a highly automated process, where food cartons, bottles or cans are required to move at a controlled speed for filling or assembly operations. These operations require highly efficient and reliable material handling machinery such as palletising systems. The outcome of this research will be of direct economic benefit to Australian manufacturers and suppliers of such machinery in reducing the cost and lead time of designing and delivering highly automated flexible palletising and de-palletising systems with maximum performance.

LP0775215 Prof J Thomas; Prof DL Meredyth

Approved Project Title **Australian information seekers and the social consequences of information poverty**

2007 : \$ 92,110

2008 : \$ 83,646

2009 : \$ 76,597

Primary RFCD 4203 CULTURAL STUDIES

Collaborating/Partner Organisation(s)

State Library of Victoria

Administering Organisation Swinburne University of Technology

Project Summary

This project aims to advance considerably our understanding of information seeking, and its social, cultural and civic implications for Australia. It will produce useful findings for researchers and policy makers interested in the economic and social consequences of information poverty, and will also contribute to the strategic planning of the public library sector.