

Victoria

RMIT University

FT0990337 Dr HC Lingard

Approved Project Title **Differentiation not disintegration: Integrating strategies to improve Occupational Health and Safety in the construction industry**

2009 : \$ 93,726
2010 : \$ 191,821
2011 : \$ 192,483
2012 : \$ 192,988
2013 : \$ 98,600

Primary RFC 3102 BUILDING

Administering Organisation RMIT University

Project Summary

Almost ten percent of all injury and death claims in Australia are attributed to construction, creating a significant social and economic burden. Organisational, technological and cultural fragmentation of the supply chain impedes the integration of Occupational Health and Safety (OHS) into construction planning and design. The research will effect critical and sustainable improvements in construction OHS, through: (i) the engagement of all industry participants in the OHS improvement effort; (ii) the identification of new technologies which can improve OHS; and (iii) the establishment of a unity of purpose regarding OHS among construction industry stakeholders, contributing significantly to a reduction in the social and economic costs of occupational death, injury and illness.

FT0992226 A/Prof J Lu

Approved Project Title **Modelling, Identification and Control of Complex Networks**

2009 : \$ 98,600
2010 : \$ 197,200
2011 : \$ 197,200
2012 : \$ 197,200
2013 : \$ 98,600

Primary RFC 2301 MATHEMATICS

Administering Organisation RMIT University

Project Summary

Australia has been well known for its leading research in systems and control and many real-world applications in, for instance, telecommunications, defence, power grids and life sciences. This project will further promote Australia's leading position in the emerging new research field - complex networks by theoretical breakthrough in modelling, identification and control of complex networks, and cutting-edge platform technology that can help Australian energy industry to reduce greenhouse emissions. It will also result in education of the next generation research leaders in this emerging field.

FT0992254 Dr QT Stevens

Approved Project Title **What is successful public art today?: exploring how contemporary public art and memorial design shapes public engagement, perceptions and behaviour**

2009 : \$ 85,800
2010 : \$ 171,600
2011 : \$ 171,600
2012 : \$ 171,600
2013 : \$ 85,800

Primary RFC 3101 ARCHITECTURE AND URBAN ENVIRONMENT

Administering Organisation RMIT University

Project Summary

Much public money is invested in public art and memorials. The research explores critical questions of value: what the public enjoys about such artworks, if and how artworks contribute amenity to public spaces, and whether recent artworks engage effectively with social memory, identity and politics. The research situates local practice within international trends, to inform Australian designers, policymakers, art patrons and public space managers about recent innovations in technology, craft, creativity and critique, so they can create and choose public artworks and memorials which engage with the potentials of contemporary arts practice, the complexities of contemporary culture, and the diversity of social behaviour in public spaces.

