

Summary of Discovery Projects Proposals for Funding to Commence in 2010

Queensland

University of Southern Queensland

DP1095583 Prof T Tran-Cong; Dr N Mai-Duy

Approved Project Title **High-order conservative multiscale computation of elliptic problems in composite materials and porous media**

2010 : \$ 50,000

2011 : \$ 40,000

2012 : \$ 40,000

Primary RFCD 2918 INTERDISCIPLINARY ENGINEERING

Administering Organisation University of Southern Queensland

Project Summary

The proposed technology will improve the design and performance of a wide range of mechanisms and industrial processes involving heterogeneous media, from composite materials to water filtration and recycling. Our researchers in computational mechanics will gain further opportunities to extend the advances this project will make.