

**Go8 Australia–Germany
Joint Research Co-operation Scheme**
Results of second funding round 2009



GROUP OF EIGHT

DAAD

Deutscher Akademischer Austausch Dienst
German Academic Exchange Service

Go8 university	Australian project leader	German institution	German project leader	Project title
The University of Western Australia	Professor Mohammed Bennamoun	Hochschule fuer Technik Stuttgart	Professor Michael Hahn	Thermal City Inventory by Means of Gyrocopter TIR Image Flights
The University of Western Australia	Associate Professor Philip John Thompson	Free University of Berlin	Professor Dr med vet Johanna Plendl	Lung Cancer: Activation of Stem Cells by Kallikreins & Kinins to form Vascular Lifelines
The University of Western Australia	Dr Martin Kocan	University of Goettingen	Professor Angela Rizzi	Novel Microelectronic Solutions for Biomedical Research and Technology
The University of Western Australia	Professor Lister Staveley-Smith	Max Planck Institut fuer Kernphysik	Professor John G Kirk	The Radio Emission from Supernova 1987A
The University of Western Australia	Dr Britta Bienen	Hamburg University of Technology	Professor Dr Ing Jurgen Grabe	The Use of winged Piles to optimise the Foundations for offshore Energy Production
The University of Adelaide	Professor Alan Cooper	Max Planck Institute for Evolutionary Anthropology	Dr Michael Hofreiter	The marsupial tree of life based on whole mitochondrial genomes
The University of Adelaide	Associate Professor Anton van den Hengel	Maz Planck-Institut fur Informatik	Dr Thorsten Thormahlen	Automated large-scale 3D reconstruction from multiple-station panoramas
The University of Adelaide	Dr Karin Nordström	Bielefeld University	Professor Dr Martin Egelhaaf	Small target motion detection in the hoverfly Eristalis under naturalistic conditions
The University of Adelaide	Professor Angus R Simpson	Universität zu Köln	Professor Dr C Tischendorf	Sharing simulation approaches between water system and electronic chip modelling
The University of Queensland	Professor Matthew Sanders	University of Bielefeld	Professor Nina Heinrichs	Parenting Support Systems: Considering Family Needs
The University of Queensland	Associate Professor Suzanne Golding	RWTH Aachen University	Dr Bernhard Kroos	Gas storage and transport processes in coals
The University of Queensland	Associate Professor Shazia Sadiq	Friedrich-Schiller-Universität Jena	Professor Dr Birgitta König-Ries	Dynamically composed compliant processes using semantic web services
The Australian National University	Dr Kevin Saliba	Bernhard Nocht Institute for Tropical Medicine	Dr Carsten Wrenger	Vitamin B1 acquisition of the human malaria parasite Plasmodium falciparum

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The Australian National University	Dr Klaus Weber	Fraunhofer Institute for Solar Energy Systems	Dr Stefan Glunz	Improved Boron Doped Emitter Structures for Solar Cells
The Australian National University	Dr Jochen Renz	Albert-Ludwigs-Universität Freiburg	Professor Bernhard Nebel	Combining Qualitative and Quantitative Spatio-Temporal Calculi
The Australian National University	Dr Patrick Kluth	Gesellschaft fuer Schwerionen-forschung	Dr Christina Trautman	Ion Tracks in Semiconductors and Insulators
The Australian National University	Dr Mathias Sinning	RWI Essen	Mathias Vorell	Effects of Residential Segregation on Labour Market Outcomes of Immigrants
Monash University	Dr Arkady Zaslavsky	Technical University of Berlin	Professor Dr -Ing habil Sahin Albayrak	Context-Aware Smart Robots for Ambient Assisted Living Environments
Monash University	Professor Leone Spiccia	Forschungszentrum Dresden-Rossendorf	Dr Holger Stephan	Functionalised magnetic nanoparticles for cancer treatment and diagnosis
Monash University	Professor Xiao Dong Chen	Technische Universität Braunschweig	Dr -Ing Wolfgang Augustin	Numerical simulation of the adhesion and detachment of fouling
Monash University	Dr Nick Birbilis	University of Erlangen-Nuremberg	Dr Sannakaisa Virtanen	Functional bio-implants
The University of Sydney	Dr Phillip J Robinson	Institute of Chemistry and Biochemistry, Freie Universität Berlin	Professor Volker Haucke	Endocytosis inhibitors
The University of Sydney	Professor Mark Adams	Albert-Ludwigs-Universität Freiburg	PD Arthur Gessler	Predicting Australian tree water use and carbon storage under global climate change
The University of Melbourne	Dr Levin Kuhlmann	Technical University Illmenau	Professor Jens Haueisen	Validation of finite element models for localisation of seizure onset zone in epilepsy
The University of Melbourne	Professor Christopher Wilson	Technische Universität Muenchen	Professor Joern H Kruhl	Quantification of quartz grain-boundary networks
The University of New South Wales	Dr Marcus Cole	University of Heidelberg	Professor Hans-Jorg Himmel	NHC Supported Haloalanes and Gallanes: A Photochemical and DFT Study
The University of New South Wales	Dr Salil Kanhere	Technische Universität Darmstadt	Dr -Ing Matthias Hollick	Secure Dependable Wireless Mesh Networks for Disaster Recovery