

Structure

CUDOS is a collaborative research program between the University of Sydney, the Australian National University, Macquarie University, Swinburne University of Technology and the University of Technology, Sydney, funded under the ARC Centre of Excellence program. RMIT joined the collaboration in 2008 through A/Prof Arnan Mitchell, our new Chief Investigator. The Centre has no legal status and all assets – IP, equipment etc – are owned by the collaborating Universities.

The University of Sydney manages the ARC grant and disburses funds in accordance with an agreement signed off between the Universities. The agreements covering the management of the Centre are the ARC Funding Contract, the Collaborator Agreement and the CUDOS Intellectual Property Agreement. The University of Sydney has also signed a Deed of Agreement with the state government of New South Wales (through the Department of State and Regional Development) for the disbursement and management of state government funds.

As a condition of the Centre extension 2008 – 2010, the University of Sydney signed a new Funding Contract with the Commonwealth and all six collaborating Universities signed a new Agreement for management of the grant as well as a new Intellectual Property Agreement. The University of Sydney signed a new Deed of Agreement with the NSW State Government and a new agreement with Macquarie University to manage the State Government funds.

Centre Governance

Research:

The Centre's research management structure involves Project Managers working closely with Chief Investigators to plan and manage research activities both year by year and link these with strategic goals that have a three to five year horizon. A yearly cycle of meetings, synchronised with our reporting obligations to the Australian Research Council, forms a key part of our management approach.

Great efforts were made to ensure that our on-going research program was not disrupted by the preparations and bid for the new Centre. This put a heavy load on the Chief Investigators, who all maintained their usual workload while contributing to the planning process for the new Centre.

Commercialisation:

The Centre's commercialisation processes are laid out in the Centre Agreement. This mandates the formation of a Commercialisation Committee, which comprises the Research Director, the Chief Operations Officer and representatives from each University's commercial office. We did not convene a meeting of the Commercialisation Committee during the year.

Advisory Board:

The Centre's Advisory Board played an important role in the renewal of the Centre. We convened a number of informal meetings of the Board on several occasions in 2010 to assist in reviewing our proposal, and Advisory Board Chair Dr Bob Watts attended a number of planning meetings in advance of the July 2010 interview. We are very grateful to Bob for his assistance and valuable advice during this time.



Research Director

Professor Ben Eggleton

Chief Investigators

Professor Lindsay Botten
 A/Professor Judith Dawes
 Professor Martijn de Sterke (Associate Director)
 Professor Min Gu
 Professor Yuri Kivshar (Deputy Director)
 Professor Wieslaw Krolikowski
 Professor Barry Luther-Davies
 Professor Ross McPhedran
 A/Professor Arnan Mitchell
 Professor Jim Piper
 A/Professor Michael Withford

Partner Investigators

Professor John Harvey (Auckland)
 Dr John Haub (DSTO) Professor Satoshi Kawata (Osaka)
 Professor Thomas Krauss (St Andrews)
 Professor Kobus Kuipers (FOM Amsterdam)
 A/Professor Thas Nirmalathas (NICTA, U. Melbourne)
 Professor Stojan Radic (UC San Diego)
 Professor Kathleen Richardson (U. Clemson)
 Professor Hugo Thienpont (VUB, Brussels)
 Professor Alan Willner (University of Southern California)
 Professor Tony Wilson (Oxford)

Chief Operating Officer

Dr Chris Walsh*

Research Staff

University of Sydney

Dr Peter Domachuk
 Dr Christian Grillet* (Project Manager)
 Dr Nadav Gutman
 Dr Shih-Hsin Hsu
 Dr Darren Hudson
 Dr Alex Judge
 Dr Boris Kuhlmeier
 Dr Kwang Jo Lee
 Dr Fangxin Li
 Dr Enbang Li* (Laboratory Manager)
 Dr Feng Luan*
 Dr Eric Magi*
 Dr Christelle Monat* (Project Manager)
 Dr David Moss*
 Dr Nicolae Nicorovici
 Dr Ravi Pant
 Dr Mark Pelusi* (Project Manager)
 Dr Jochen Schroeder
 Dr Snjezana Tomljenovic-Hanic*
 Dr Chunle Xiong

Australian National University

Dr Dragomir Neshev
 Dr Ivan Garanovich
 Dr Ivan Maksymov
 Dr Alex Minovich
 Dr Andrey Miroshnichenko*
 Dr Andrey Sukhorukov

Dr Zhiyong Xu
 Dr Thomas White*
 Dr Steven Madden*
 Dr Duk-Yong Choi*
 Dr Douglas Bulla*
 Dr Rongping Wang*

Swinburne University of Technology

Dr Baohua Jia* (Project Manager)
 Dr Dario Buso*
 Dr Michael Ventura*
 Dr Yaoyu Cao

RMIT

Dr Lam Bui*
 Dr Niusa Sarkhosh*

Macquarie University

Dr Martin Ams* (Project Manager)
 Dr Peter Dekker
 Dr Alex Fuerbach
 Dr Benjamin Johnston
 Dr Nem Jovanovic
 Dr Graham Marshall*
 Dr Gabriele Molina-Terriza
 A/Prof Michael Steel

University of Technology Sydney

Dr Ara Asatryan
 Dr Kokou Dossou
 Dr Chris Poulton

Students

University of Sydney

Parry Chen
 Sahand Mahmoodian
 Stephen Dekker
 Trung Vo
 Casey Handmer
 Alvaro Casas Bedoya
 Alessandro Tuniz
 Darran Wu
 Bill Corcoran
 Felix Lawrence
 Irina Kabakova
 Michael Lee
 Darran Wu
 Yvan Paquot
 Björn Stumberg
 Kevin Ng
 Bjorn Sturmborg
 Owen Brasier
 Hannah McFarlane

Australian National University

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 Ting Wang
 Zhe Jin
 Sun Yue
 Alex Minovich
 Arthur Davoyan
 Francis Bennet
 Sangwoo Ha
 Alexander S. Solntsev
 Alex Minovich
 Wei Liu
 Alex Minovich
 Khu Vu
 Ting Han
 Xin Gai
 Amrita Prasad
 Amrita Prasad
 James Farnell

Swinburne University of Technology

Mr Ben Cumming
 Mr Muntasir Hossain
 Ms Elisa Nicoletti
 Mr Mark Turner
 Mr Zongsong Gan
 Mr Han Lin

RMIT

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 Mark Turner
 Zongsong Gan
 Ben Cumming
 Elisa Nicoletti
 Md Muntasir Hossain
 John He

Macquarie University

Robert Williams
 Christopher Miese
 Simon Gross
 Nick Cvetojevic
 Dionne Haynes
 Geraldine Marien
 Christopher Miese
 Alex Arriola
 Thomas Meany
 Qiang (Jocelyn) Liu
 Yuwen Duan

University of Technology Sydney

Mr Dougal Kan

* indicates position funded partially or fully by the Centre

Research Assistants

University of Sydney

Mr Joseph Zheng *

Australian National University

Mrs Maryla Krolikowska *

Ms Anita Smith *

Mr Sukanta Debbarma *

Administrative Assistants

University of Sydney

Ms Emily Higginson *

Ms Shelley Martin * (Administration Co-ordinator)

Australian National University

Mrs Kathy Hicks *

Swinburne University of Technology

Ms Johanna Lamborn

Macquarie University

Ms Kali Madden *

Visiting researchers

(See Education and Training section for list of visiting students)

University of Sydney

Dr Jurgen Van Erps, VUB, Brussels

Dr Zulfadzli Yusoff, Multimedia University, Malaysia

Dr Luc Thevenaz, EFPL, Switzerland

Prof. R.W. van der Heijden, Eindhoven University of Technology

Australian National University

Jose Salguero Universidade de Vigo As Lagoas, Spain

Andrei Lavrinenko DTU Fotonik, Technical University of Denmark

Professor Roland Schiek, University of Applied Sciences Regensburg, Germany

Swinburne University of Technology

Alessandro Antonello, University of Padova

Macquarie University

Alberto Politi, Bristol University, UK

Dr Esa Jaatinen, Queensland University of Technology

University of Technology Sydney



The CUDOS group and visitors at the 2010 Annual Workshop at Lake Crackenback.

