The Working Party Tour, February 2006

The Working Party undertook a national tour with the international reviewers in February 2006. The limited availability of the international reviewers meant that it was not possible to bring all three international reviewers to each city visited and all three international reviewers were simultaneously present only in Sydney and Melbourne. To encourage representation from regional universities more than three hours drive from a meeting site, the review provided return air tickets for nominated representatives.

People who met with the Working Party are listed under the name of their company or institution. The list does not precisely correspond to the attendance at meetings as individuals from different companies or institutions were sometimes seen together to enable discussion of broader issues.

At the request of the international reviewers after their arrival in Australia, additional meetings with graduate students, postdoctoral fellows and junior academic staff were scheduled at short notice and for practical reasons those invited were usually from the host institution.

In the schedule, members of the Advisory Council are indicated by an asterisk (*) and members of the 1995 Review Working Party are indicated by a dagger (†). For the first week of the tour, the Working Party was enlarged to include the Chair of the Advisory Council, Professor Michael Cowling. The enlarged Working Party consisting of nine members had the following composition:

Professor Jean-Pierre Bourguignon (International Reviewer)
Dr Brenda Dietrich (International Reviewer)
Professor Iain Johnstone (International Reviewer)
Professor Peter Hall
†Dr Edwin van Leeuwen
Ms Jan Thomas
Professor Hyam Rubinstein (Chair, Working Party)
Associate Professor Barry Hughes (Executive Director)
*Professor Michael Cowling (Chair, Advisory Council)

13 February 2006: Sydney

The hosts were CSIRO Mathematics and Information Sciences and Department of Mathematical Sciences, University of Technology Sydney and the enlarged Working Party of nine attended all meetings. The first two hours of meetings were with CSIRO, emphasising the Review’s concern to give proper attention to non-University stakeholders.

CSIRO Mathematical and Information Sciences

*Dr Murray Cameron (Chief of Division)
Dr Mohan Krishnamoorthy
Dr Mark Berman
Mr Kevin Cryan (Manager, Business Development and Commercialisation)

Canon Information Systems Research Australia

Dr Phil Robertson (Director)

Centre for Epidemiology and Research, NSW Health Department

Dr David Muscatello

Macquarie University

Department of Mathematics
Professor Paul Smith (Head)
Professor William Chen
Professor Ross Street
†Emeritus Professor Alf van der Poorten (Chair, 1995 Review Working Party)
14 February 2006: Sydney

The hosts were CSIRO Mathematics and Information Sciences and Department of Mathematical Sciences, University of Technology Sydney and the enlarged Working Party of nine attended all meetings. The schedule emphasised the needs of professional societies, and the challenges faced by outer-suburban, regional and rural universities.

Institute of Actuaries of Australia
Ms Catherine Baldwin (Chief Executive Officer) Mr Tim Jenkins
Mr Martin Stevenson (President)

Australian Computer Society Incorporated
Mr Dennis Furini (Chief Executive Officer)

Statistical Society of Australia Incorporated
*Professor Kaye Basford (President)

School of Mathematics, University of New South Wales
Professor William Dunsmuir Professor Matt Wand
Associate Professor Rob Womersley Dr Astrid an Huef

School of Quantitative Methods & Mathematical Sciences, University of Western Sydney
Associate Professor Richard Ollerton

Department of Mathematics & Statistics, Charles Sturt University
Dr John Louis

School of Mathematical & Physical Sciences, University of Newcastle
Associate Professor Brailey Sims

School of Mathematics & Applied Statistics, University of Wollongong
Professor Graham Williams Dr Rod Nillsen

School of Mathematics, Statistics & Computer Science, University of New England
Associate Professor Yihong Du
15 February 2006: Hobart

Host: School of Mathematics and Physics, University of Tasmania

Emphasis was given to research and advanced mathematical services in fisheries, environmental studies and Antarctic studies. Time was allocated for extensive discussions with academic staff at levels A–C and with graduate students.

Working Party members in attendance

Dr Brenda Dietrich (International Reviewer)
Professor Peter Hall
*Professor Michael Cowling (Chair, Advisory Council)

School of Mathematics and Physics, University of Tasmania

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<tr>
<th>Academic or Research Staff</th>
<th>Graduate Students</th>
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<tr>
<td>Professor Larry Forbes (Head of School)</td>
<td>Mr Peter While</td>
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<td>Dr Simon Wotherspoon</td>
<td>Mr Paul Burch</td>
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<td>Mr Chris Hollitt</td>
<td>Ms Robyn Thompson</td>
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<td>Dr Michael Brideson</td>
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<td>Dr Melanie Johnstone-Hollett</td>
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<td>Dr Kumudini Dharmadasa</td>
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Quantitative Marine Science Program, University of Tasmania and CSIRO Marine and Atmospheric Research

Professor Richard Coleman                     Dr Trevor McDougall

Australian Antarctic Division

Dr Roland Warner (Glaciology)
Dr Damian Murphy (Space and Atmospheric Sciences)
Dr Andrew Constable (Fisheries Modelling)

AQ1 Systems (incorporating Sonar Data)

Dr Tim Pauly (Director, Business Development)

15 February 2006: Canberra

Host: Australian Bureau of Statistics

Working Party members in attendance

Professor Jean-Pierre Bourguignon (International Reviewer)
Ms Jan Thomas
Associate Professor Barry Hughes (Executive Director)

Australian Bureau of Statistics

The Australian Statistician, Mr Dennis Trewin Ms Teresa Dickinson
The First Assistant Statistician, Mr Geoff Lee Mr David Whitelaw

Australian Research Council

Professor Erich Weigold (Executive Director for Physics, Chemistry and Geoscience and for the Centres of Excellence Scheme)

Australian Academy of Science

Professor Kurt Lambeck (President-elect and former Foreign Secretary)
Australian Chamber of Commerce and Industry  
Mr Michael Potter (Director, Economics and Taxation)

CSIRO  
†Professor Michael Barber (Executive Director, Science Planning)

Mathematical Sciences Institute, Australian National University

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<tr>
<th>Academic Staff</th>
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<th>Graduate Students</th>
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<tr>
<td>Professor Neil Trudinger</td>
<td>Dr Lucia Santoso</td>
<td>Mr Brett Witty</td>
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<td>Professor John Hutchinson</td>
<td>Dr Pierre Portal</td>
<td>Mr Huy Nguyen</td>
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<td>Professor Alan Welsh</td>
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<td>†Professor Derek Robinson</td>
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School of Finance and Applied Statistics, Australian National University

Associate Professor Michael Martin  
Associate Professor Ross Maller

Department of Applied Mathematics, Australian National University

Associate Professor David Williams

School of Information Sciences & Engineering, University of Canberra

Dr Mary Hewitt (Head of Discipline, Mathematics and Statistics)  
Dr Peter Vassiliou  
Dr Shuanghe Liu

School of Physical, Environmental & Mathematical Sciences,  
Australian Defence Force Academy

Professor Rowland Sammut (Discipline Coordinator, Mathematics)  
Dr Geoff Mercer

15 February 2006: Brisbane  
Host: Queensland University of Technology  
Venue: 111 George St and Building B, Gardens Point Campus, QUT

Working Party members in attendance

Professor Iain Johnstone (International Reviewer)  
Dr Edwin van Leeuwen  
Professor Hyam Rubinstein (Chair, Working Party)

Office of the Queensland Chief Scientist

Professor Peter Andrew AO, Queensland Chief Scientist

School of Mathematical Sciences, Queensland University of Technology

Professor Tony Pettitt (Head)  
Professor Kerry Mengerson  
Professor Ian Turner  
Professor Sean McElwain  
Professor Helen MacGillivray

School of Science, Griffith University

Associate Professor Peter Johnston  
Dr Tony O'Connor
School of Mathematics & Computing, University of Southern Queensland
Associate Professor Ron Addie                        Dr Sergey Suslov
Professor Tony Roberts

0.0.1 Faculty of Engineering, Physical Sciences & Architecture, University of Queensland
Professor John Ecclestone (former Executive Dean)
Professor Tony Bracken (Head of Discipline of Mathematics)
Professor Kevin Burrage                                    Professor Geoff McLachlan
Professor Phil Pollett                                        Professor Mark Gould

Faculty of Biological & Chemical Sciences, University of Queensland
Professor Sean Smith (Director, Centre for Computational Molecular Science)
Professor Hugh Possingham (Director, The Ecology Centre)

Faculty of Business & Informatics, Central Queensland University
Associate Professor Russel Stonier

School of Mathematical & Physical Sciences, James Cook University
Associate Professor Wayne Read

16 February 2006: Melbourne
Host: University of Melbourne
Venues: Richard Berry Building and University House
Except for the session with staff from Monash University, from which several people were absent, the enlarged Working Party of nine attended all meetings.

ANZ Banking Group
Dr David O’Brien (Head of Treasury Market Risk)
Mr Steven Aney (Senior Manager, Risk Quantification and Data Management)

Victorian Partnership for Advanced Computing
Professor Bill Appelbe (Chief Executive officer)

Australia Post
Ms Bonnie Douglas

Australian Academy of Technological Sciences & Engineering
Mr Peter Laver AM (Vice President)                        Dr Ian Mair
Professor Vaughan Beck (Technical Director)                Dr Robert Hobbs
Professor Fred Smith AM (Honorary Secretary)               Dr Michael Murray

School of Computer Science & Mathematics, Victoria University
Associate Professor Peter Cerone (Head)                     Professor Sever Dragomir

Department of Mathematical & Statistical Sciences, Latrobe University (Bendigo Campus)
Dr Christopher Lenard (Head of Mathematics)               Professor Terry Mills
School of Mathematical & Geospatial Sciences, RMIT University
Professor John Hearne (Head)

Swinburne University
Mr Chris Barling Mr Patrick Tobin

School of Information Technology, Deakin University
Professor Lynn Batten

School of Mathematical Sciences, Monash University
Associate Professor Alan Pryde (Head)
Professor Robert Bartnik Professor Paul Cally

17 February 2006: Melbourne
Host: University of Melbourne
Venues: Richard Berry, ICT and Alan Gilbert Buildings, and University House.
The enlarged Working Party of nine attended most meetings.

National Australia Bank
Dr Volf Frishling Mr Steve McCarthy

Statistical Society of Australia, Inc.
*Dr Neville Bartlett (Past-President)

Combinatorial Mathematics Society of Australasia
Dr Ian Wanless (Vice-President)

The Allen Consulting Group
*Dr Les Trudzik

NORCA Consulting
Dr Harry Gielewski

Department of Mathematical & Statistical Sciences, Latrobe University (Bundoora Campus)
Associate Professor Grant Cairns (Head of Mathematics at Bundoora)

Department of Mathematics & Statistics, University of Melbourne

Staff
Professor Richard Huggins
Professor Peter Taylor (Head)
Associate Professor Natasha Boland
Associate Professor Aleks Owczarek
Associate Professor Ian Gordon
Dr Steven Carnie

Graduate students
Ms Loretta Bartolini
Mr Paul Fijn
Ms Ruth Luscombe
Mr Chris Fricke
Ms Maya Ramakrishnan
Ms Maya Muthaswamy
Ms Diana Zannino

Department of Computer Science & Software Engineering, University of Melbourne
Professor Leon Sterling
e-Research Centre, Monash University
Professor Ah Chung Tsoi (Director)
Professor Tsoi is the former Executive Director for Mathematics, Information and Communication Sciences, Australian Research Council.

Australian Mathematical Sciences Institute
*Professor Phil Broadbridge (Director)

International Centre of Excellence for Education in Mathematics
*Professor Garth Gaudry (Director)

Centre of Excellence for the Mathematics & Statistics of Complex Systems
Professor Tony Guttmann (Director)

20 February 2006: Perth
Host: Curtin University of Technology
Venue: Graduate School of Business, Perth City Campus

Working Party members in attendance
Dr Brenda Dietrich (International Reviewer)
Professor Iain Johnstone (International Reviewer)
Professor Hyam Rubinstein (Chair, Working Party)
Associate Professor Barry Hughes (Executive Director)

Australian Society for Operations Research
*Professor Lou Caccetta

School of Engineering & Mathematics, Edith Cowan University
Associate Professor Lyn Bloom (Mathematics Coordinator)
Dr Ute Mueller

School of Engineering Science, Murdoch University
Professor Ian James
Dr Brenton Clarke
Professor Walter Bloom
Dr Mark Lukas

Department of Mathematics & Statistics, Curtin University of Technology
Professor Kok Lay Teo

School of Mathematics & Statistics, University of Western Australia
Associate Professor Les Jennings (Head)
Professor Andrew Bassom
Dr Michael Giudici
Professor Cheryl Prager
Professor Adrian Baddeley

Data Analysis Australia
Dr John Henstridge (Director)
Dr Linda Eaton
CSIRO Exploration and Mining
Dr Alison Ord Dr Peter Hornby
Dr Regan Patton Mr Thomas Poulet

21 February 2006: Adelaide

Hosts: School of Mathematics and Statistics, University of South Australia; and School of Mathematics and Statistics, University of Adelaide.
Venues: School of Mathematics and Statistics, University of South Australia; and University of Adelaide Club.

Working Party members in attendance
Dr Brenda Dietrich (International Reviewer)
Professor Iain Johnstone (International Reviewer)
Professor Hyam Rubinstein (Chair, Working Party)
Associate Professor Barry Hughes (Executive Director)
Ms Jan Thomas

School of Mathematics and Statistics, University of South Australia
Associate Professor David Panton (Head of School)
Professor Jerzy Filar Professor Vladimir Gaitsgory
Professor Phil Howlett Associate Professor Irene Hudson

School of Mathematical Sciences, University of Adelaide
Professor Michael Murray (Head of School)
Professor Nigel Bean Dr Gary Gloneck

Additional University of Adelaide staff who spoke with the Working Party at a forum included Dr Bob Clarke, Associate Professor Jim Denier, Professor Michael Eastwood and Dr Peter Gill.

22 February 2006: Adelaide

Host: School of Mathematics and Statistics, University of Adelaide
Venue: University of Adelaide Club.

Working Party members in attendance
Dr Brenda Dietrich (International Reviewer)
Professor Hyam Rubinstein (Chair, Working Party)
Associate Professor Barry Hughes (Executive Director)
Ms Jan Thomas

Defence Science Technology Organisation
Dr Warren Marwood (Research Leader, Secure Communications, Intelligence Surveillance and Reconnaissance Division)
Dr Alexei Filinkov (Defence Systems Analysis Division)
Dr Josef Zuk (Air Operations Division) [by telephone link]
Dr Vladimir Ivancevic (Land Operations Division)
Dr Gary Newsam (Intelligence Surveillance and Reconnaissance Division)

Science, Technology and Innovation Directorate, South Australian Government
Dr Mary Rieger (Senior Policy Officer)
Halcro Audio
Dr Bruce Candy

SolveIT Software
Mr Matthew Michaelewicz (Chief Executive Officer)

Sydac Pty Ltd
Mr Tony Gibb (Director)

School of Engineering & Logistics, Charles Darwin University
Dr Ian Roberts

Ian Wark Research Institute, University of South Australia
Professor Roger Horn