

UNCONFIRMED

Australian Council of Heads of Mathematical Sciences (ACHMS)

Meeting 1/2024

MINUTES

The Meeting of the Australian Council of Heads of Mathematical Sciences (ACHMS) was held at 2:00 pm AEDT on Thursday, 23 May 2024 by video conference. The meeting was adjourned from 3:50 pm to 4:00pm for a break.

PRESENT

ACHMS Executive Committee

Prof. Finnur Larusson (Chair), Dr Michael Kemp (Deputy Chair),

New appointees: Professor Warwick Tucker (Chair), Professor Inge Koch James Brown

University Representatives

Pablo Moscato, Inge Koch, Finnur Larusson, Warwick Tucker, Jan De Crier, Graeme Hocking, Hayden Tronnolone, Bronwyn Hajek, Michael Kemp, Narelle Brack, Volker Gebhardt, James McBroom, Andrew Francis, Duncan Sutherland, Gabe Sorrentino, Marcel Jackson, Gavin Reid, Dingxuan Zhou Jennifer Flegg, Sophie Raynor, Charles Lemckert, Joe Grotowski, Richard Garner, Andrew Bassom, Kuldeep Kulmar, Nargiz Sultanova, Miccal Matthews, Jeffrey Hogan, Federico Frascoli, Tony Roberts, Marcy Robertson,

Friends of the Council,

Thomas Britz, Tim Marchant, Katie Makar

Guest Speakers

Professor Tim Marchant, Professor Gavin Reid and Associate Professor Adam Piggott

Proxies

Professor Marcy Robertson, Professor Deborah Jackson, Miccal Matthews, Dr Sophie Raynor

BUSINESS

1. Welcome

The Chair opened the meeting by greeting the Heads of Schools and Friends of the Council and acknowledged the traditional owners of the many lands on which the attendees were located, paying respects to the Elders past, present and emerging of all Indigenous nations.

The Chair extended a special welcome to new member representatives: Associate Professor Jeff Hogan from the University of Newcastle and Professor Gavin Reid from the Australian Research Council, Professor Andrew Francis - Head, School of Mathematics and Statistics, UNSW Sydney, Professor Matthew Simpson - Chair, Australia and NZ Industrial and Applied Mathematics ANZIAM, Dr Duncan Sutherland - Australian Defence Force Academy (UNSW Canberra), Professor James McBroom - Head of Discipline (Applied Mathematics and Physics) Griffith University, Dr Iman Ardeki - Discipline Lead / Program Coordinator Mathematics University of Notre Dame, Dr Gabriele (Gabe) Sorrentino - Mathematics and Statistics Victoria University

1.1 Apologies and Proxies

Apologies were received from Professor Howard Bondell, Professor Michael Giudici, Professor Steven Langford, Professor Matthew Simpson, Professor Howard Bondell, James McCoy, James McBroom, Adrian Baddeley, Anders Holmberg

The Chair welcomed Professor Marcy Robertson, Professor Miccal Matthews, Dr Sophie Raynor who attended as Proxies.

1.2 Agenda Changes

Nil.

1.3 Minutes of the Past Meeting

Minutes of the previous meeting held on Thursday, 16 October 2023 were confirmed by the Members as a correct record.

1.4 Action List

The Chair reminded members about the ongoing action item to support WIMSIG in various ways listed in the action sheet.

2. Appointments to the ACHMS Executive Committee

The Chair announced the nomination and appointment of Professor Warwick Tucker from Monash University for the position of Chair for 2 years, Professor Inge Koch from RMIT as Deputy Chair for 2 years, and Professor James Brown from UTS as Executive Committee member for 1 year. No other nominations were received, so an election was not required.

3. Report from the Chair

The Chair began the report by expressing gratitude to the Director of AMSI and the Executive Assistants for their invaluable administrative support to the Council. The Chair outlined the

Council's core purposes: facilitating the sharing of best practices in mathematical sciences education, research, and community interaction, and keeping Heads of mathematical sciences aware of relevant initiatives.

The Chair highlighted the need to focus on today's key issues of government, education and research and development and grants programs, the ARC review, and the upcoming broad nation review of research funding.

The forum featured the following three presentations:

- "The Universities Accord and the Government's budget response" by Professor Tim Marchant
- "ARC program and policy update" by Professor Gavin Reid
- "AI in the undergraduate mathematics classroom" by Associate Professor Adam Piggott

To access the Zoom recordings follow the link below:

https://unimelb.zoom.us/rec/share/GjeXGle_CyiwI51aA316lyMCiFXsGWxAtxMVNMeGA16ycgYMkDNFqySzRdQvFj5o_VUZpwVbtS0dlhgL?startTime=1716436348000

Passcode: Q^2t5tv@

(Note: signing into your Zoom account will be required to view the recording. The recording is scheduled for automatic deletion on 3 July, 2024, at 11:59 PM. Additionally, viewers will have access to the Zoom chat but will not be able to download any files.)

Other Business, Closing

The Chair mentioned an upcoming major event, the 15th International Congress on Mathematical Education ([ICME-15](#)) will be held in Sydney from July 7-14 at the International Convention Centre. This will be just the second time that this quadrennial event has been held in the southern hemisphere – ICME-5 was held 40 years ago in Adelaide in 1984.

The Chair concluded the meeting by expressing gratitude to all attendees, acknowledging the presentations, and emphasising appreciation for their interesting and informative content. Members were reminded to offer suggestions for discussion topics for the next Annual General Meeting in October at any time.

The meeting concluded at 4:32 pm.

Signed by the Chair: _____

and dated: _____

DISTRIBUTION***ACHMS Executive Committee***

Professor Warwick Tucker (Chair)

Dr Michael Kemp, Deputy Chair

Professor James Brown, Executive Committee Member

Members

Australian Catholic University

Dr Duncan Sutherland, Australian Defence Force Academy (UNSW Canberra)

Professor Lilia Ferrario, Australian National University

Associate Professor Adam Butt, Australian National University

Professor Kuldeep Kumar, Bond University

Dr David Ompong, Charles Darwin University

Dr Michael Kemp, Charles Sturt University

Professor Ryan Loxton, Curtin University

Associate Professor Julien Ugon, Deakin University

Dr Steven Richardson, Edith Cowan University

Dr Nargiz Sultanova, Federation University Australia

Dr Hayden Tronnolone, Flinders University

Mr James McBroom, Griffith University

Associate Professor Shaun Belward, James Cook University

Associate Professor Narelle Brack, La Trobe University

Associate Professor Richard Garner, Macquarie University

Professor Warwick Tucker, Monash University

Professor George Athanasopoulos, Monash University

Professor Graeme Hocking, Murdoch University

Professor Tony Roberts Queensland University of Technology

Professor Inge Koch, RMIT University

Professor Charles Lemckert, Southern Cross University

Professor Federico Frascoli, Swinburne University of Technology

Professor Finnur Larusson, University of Adelaide

Professor Howard Bondell, University of Melbourne

Associate Professor Timothy Schaerf, University of New England

Professor Andrew Francis, University of New South Wales

Dr Elena Levchenko, University of Newcastle

Professor Pablo Moscato, University of Newcastle

Dr Iman Ardeki, University of Notre Dame

Professor Joseph Grotowski, University of Queensland

Professor Linda Galligan University of Southern Queensland

Professor Dingxuan Zhou, University of Sydney

Associate Professor Bronwyn Hajek, University of South Australia

Professor Andrew Bassom, University of Tasmania

Professor Steven Langford, University of Technology, Sydney

Dr Aaron Wiegand, University of the Sunshine Coast

Professor Michael Giudici, University of Western Australia

Associate Professor Maureen Edwards, University of Wollongong
Dr Gabriele (Gabe) Sorrentino, Victoria University
Associate Professor Volker Gebhardt, Western Sydney University

Friends of the Council

Professor Katie Makar, Mathematics Education Research Group of Australasia MERGA
Dr Thomas Britz, Combinatorial Mathematics Society of Australasia CMSA
Professor Ian Gordon, Statistical Society of Australia SSA
Professor Mat Simpson, Australia and NZ Industrial and Applied Mathematics ANZIAM
Dr Phillip Isaac, Australian and New Zealand Association of Mathematical Physics ANZAMP
A/Professor Honglei Xu, Australian Society For Operations Research ASOR
Mr Allan Dougan, Australian Association of Mathematics Teachers AAMT
Dr Deborah Jackson, Australian Mathematical Society AustMS
Professor Tim Marchant, Australian Mathematical Sciences Institute AMSI
Professor Alan Welsh, Australian Academy of Science's National Committee for Mathematical Sciences
Mr Nathan Ford, Australian Mathematics Trust AMT
Science and Technology Australia STA
Professor Chris Matthews, Aboriginal and Torres Strait Islander Mathematics Alliance ATSIMA
Australian Council of Deans of Science ACDS
Professor Jan de Gier, Mathematical Research Institute MATRIX
Dr Judy-Anne Osborn, Computer-Assisted Research Mathematics and its Applications CARMA
Professor Stephan Tillmann, University of Sydney Mathematical Research Institute SMRI
Professor Jennifer Flegg, Women in Mathematics Special Interest Group WIMSIG

AMSI Staff/Honorary:

Professor Tim Marchant, Australian Mathematical Sciences Institute
Dr Michael Evans, AMSI Honorary
Ms Jan Thomas, AMSI Honorary
Mr Glen Sheldon APR, Intern National Program Manager
Ms Angela Coughlin, Research and Higher Education Program Manager
Professor James McCoy, University of Newcastle, AMSI Deputy Director
Ms Sophie Kennedy, Senior Policy and Advocacy Officer
Ms Anna Muscara Project Coordinator, Research and Higher Education
Ms Leanne McMahon Schools Outreach Office
Ms Jane Standish, Executive Assistant to the AMSI Director
Ms Sarah Ramantanis Marking Communications and Events Coordinator

Written by J. Standish 23/5/2024