

The
Australian
Mathematical
Society
(Inc)

**Reports for
the fifty-seventh
Annual General Meeting
and the
one hundred and fifteenth
Council Meeting**

**President's Report
Secretary's Report
Treasurer's Report
Audited Financial Statements
Editors' Reports
ANZIAM Report**

President's report 2013
Peter Forrester

(i) A perennial grass roots issue is our membership base. Since mid-year a letter is being sent to all members receiving their third and final reminder for the payment of their annual membership fees. The letter targets each of the categories of early career, mid career and retired members. It is pointed out that the Society provides free student membership, and that for up to 5 years from completion of a PhD membership subscriptions are reduced by 50%; concessions to retired members are similarly highlighted, as is the tax-deductible status of membership for nearly all members. The benefits to members by way of the annual conference, special interest meetings and lecture tours sponsored by the Society, as well as the policy and promotion work undertaken to advance our discipline was noted. Most importantly, it is pointed out that a strong membership is needed to sustain our activities, and that a strong united membership establishes the ethos that membership of the Society is the natural situation for mathematicians.

(ii) Another point made in the above mentioned letter is that the running of AustMS is done largely by voluntary labour of members, with some of the most important (and demanding) carried out by retired members. This reality was firmly in the mind of myself and AustMS secretary Peter Stacey when we met to discuss an earlier suggestion of seeking an Executive Officer as a way of effectively carrying out a future strategic plan, and decided not to pursue the idea any further. Instead, our planning challenge was interpreted as one of maintaining a responsible budget in line with our focus on research mathematics, and of seeking out ideas to counter projected declines in revenue from our journals.

(iii) It has been noted that at least two Societies: the Combinatorial Mathematics Society of Australasia (CMSA), and the Modelling and Simulation Society of Australia and New Zealand (MSSANZ) overlap with the interests of AustMS, but have many members who are not members of AustMS. The membership fee of CMSA is \$25 and that of MSSANZ is \$22. MSSANZ run a biannual conference MODSIM which has received seed funding from both AustMS and ANZIAM. At the least we repeat our call to the leadership of these Societies to encourage more of their members to join AustMS and so contribute to the wider discipline.

(iv) As I highlighted in my President's column, published in the Gazette in July, many future challenges to our discipline require a unified, collective response. Much effort has been made within AustMS over many years to unite different interest groups and to represent our membership in a fair, nonpartisan way. Our existing structures allow for Special Interest Groups, and Divisions. By its very name, a voice of a Division is not speaking on behalf of the unified body, and so I'm not at all in favour of supporting any moves for a new Division within AustMS.

(v) Issues relating to the future funding, and directions, of mathematics education at the various levels of schooling have received a lot of attention since the initiative of AMSI in running the forum 'Maths for the future: Keep Australia competitive', with keynote speaker Professor Celia Hoyles, former mathematics advisor to the British Government in February last year. Since then the Chief Scientist Professor Ian Chubb has made a number of significant speeches on this theme. However there have been some seemingly contradictory actions by government, for example the proposal to cut the higher education budget as a way of partially paying for the Gonski education reforms in schools. As I say in my President's column for July, with it being agreed that best practice mathematics learning in the future will move away from repetition and rote practice, and towards higher level modelling and more practice-based case studies, the need to maintain adequate staffing and funding for our university mathematics programs is greater than ever. AustMS stands alongside AMSI and other relevant bodies in arguing this case.

(vi) In my President's column, published in the Gazette last November, I drew attention to government emphasis on the 'Asian century' and possible opportunities that this may present. In particular, it was pointed out that AustMS representation at the meeting of the South East Asian Mathematical Society (SEAMS), organised as part of the Asian Mathematical Conference

in South Korea, would be desirable. The President of SEAMS, Prof Le Tuan Hoa, was happy to issue such an invitation, which I accepted. However, after booking tickets, last minute visa troubles prevented this from happening. Instead, in keeping with the Asian Century theme, I visited a new tenure track researcher in my field at the National University of Singapore. There I heard that one outcome of the Asian Mathematical Conference itself was initial discussions to form an Asian Mathematics Union. One might expect further news on this front at the IMU next year.

(vii) Earlier this year, AustMS approved a grant of \$7,500 in relation to the staging of the International Olympiad in Informatics at UQ in July, as requested by Ben Burton as the primary organiser. At the time there was a large funding shortfall. Fortunately a large federal government grant was received just in time, and the event happened as scheduled. Ben has reported that by many measures the Olympiad was very successful. Furthermore, as part of conditions of our grant, Ben has agreed to write a Gazette article, following up on one he wrote at the time the successful bid was announced.

Secretary's report to Council and AGM 2013

1. Australian Mathematical Society Inc.

Statistics from 1/8/12 to 31/7/2013

NEW MEMBERS TOTAL: 155

Ordinary Members (O) Early Career (EC) Life (L) Reciprocal Members (Recip)
Reduced-rate Members (RR) Retired Members (Ret) Student Members (S)
Special Education Members (SE) Sustaining Members (Sust)
Educational Members (Edu)

ADAMS, Mr Giles David (S)	FLIEGE, Prof Jorg (O)
AHAMED, Ms Sherin (S)	FREY, Dr Dorothee (EC)
AHMAD, Mr Rashid (S)	FUNG, Dr Thomas Ho Ting (EC)
AMENTA, Mr Alexander (S)	GARDINER, Mr Sean (S)
AZRAM, Dr Mohammad (O)	GARNER, Dr Richard (O)
AFZALY, Ms Seyedeher Narjess (S)	GAO, Mr Xin (S)
AGBOOLA, Mr David Adetomiwa (S)	GILMORE, Dr James (O)
ALSHAMMARI, Mr Fadah Sameer W (S)	GONZALEZ TOKMAN, Dr Cecilia (EC)
BERGMAN, Prof Clifford (Recip)	GRACE, Mr Adam (S)
BERICHON, Mr Philippe Edward (RR)	HADI, Mr Charkhgard (S)
BOLAND, Prof John William (O)	HARDING, Mr Thomas Brendan (S)
BONG, Miss Novi Herawati (S)	HARMAN, Mr David Brendan (S)
BOURNE, Mr Christopher Jack (S)	HAUER, Dr Daniel (EC)
BRERETON, Mr Edward Peter (O)	HAWKINS, Mr Mitchell (S)
BUCKLEY, Mr Mitchell Alan (S)	HAWTIN, Mr Daniel Robert (S)
BUNDER, Ms Rachel Patricia (S)	HENDRIKSEN, Mr Michael Arent (S)
BUNTON, Mr Joseph David (S)	HERKE, Ms Sarada (S)
BURKE, Mr Matthew William (S)	HOCHS, Dr Peter (O)
CAMPBELL, Mr Alexander (S)	HOFFMAN, Dr Neil Reardon (O)
CANAGASABEY, Mr Michael Nishan (S)	HOLDER, Mr Andrew Brett (S)
CHAKRABORTY, Dr Debadi (O)	HOWIE, Joshua Andrew (S)
CHALMERS, Miss Kelsey (S)	HUANG, Mr Cheng Cheng (S)
CHAN, Mr Joseph (S)	IOPPOLO, Mr Mark (S)
CHAN, Miss Yui See Jessica (S)	ISLAM, Mr Nazmul (S)
CHANG, Miss Ting-Ying (S)	JARVIS, Dr David Andrew (O)
CHEN, Mr Chen (S)	JAYAWARDANA, Ms Kaushala (S)
CHEN, Ms Wen (S)	JENSEN, Dr Iwan (O)
CHEN, Ms Zhenzhen (S)	KAPOOR, Miss Reena (S)
CHING, Mr Joshua (S)	KAUR, Ms Simranjit (S)
CHOPIN, Mr Josh (S)	KEATING, Dr Shane Richard (O)
CLARK, Dr Lisa Orloff (O)	KERR, Mr Bryce Denis (S)
COLLIS, Mr Jesse Frederick (S)	KLEBANER, Prof Fima (O)
COULHON, Prof Thierry (O)	KUYLAARS, Miss Dominique Isabella (S)
CROWDY, Prof Darren (O)	OLVER, Dr Sheehan (EC)
CUMMING, Mr Robert (S)	LANINI, Dr Martina (EC)
DEO, Dr Ravinesh (O)	LEE, Dr Gobert N Y (O)
DEPREZ, Mr Joshua Thomas (S)	LICATA, Dr Joan Elizabeth (O)
DEVI, Mrs Aruna (O)	LIU, Mr Shuai (S)
DIETRICH, Dr Heiko (O)	LUKYANENKO, Inna (S)
DO, Mrs Thoan Thi Kim (S)	MAK, Dr Chi Kin (O)
DONNELLY, Mr Isaac Carlisle (S)	MATHEWS, Dr daniel Virgil (EC)
DOSSOU, Dr Kokou B (O)	MCARTHUR, Dr Lynne (O)
EZZATI, Mr Ghasem (S)	MCINERNEY, Miss Carol (S)
FAWCETT, Miss Joanna (Red)	MEANS, Dr Shawn (O)
FILLMORE, Mr Christopher David (S)	MEYLAN, DrMichael Howard (O)
FISH, Dr Alexander (EC)	MORRISON, Dr Scott (O)
FLETCHER, Mr James Edward (S)	MUELLER, Dr Samuel (O)

MURRAY, Ms Rosie (S)	STAPLEDON, Dr Alan (EC)
NAKHOUL, Mr John (S)	STRBENAC, Mr Dario (S)
NAYMIE, Ms Cassandra Helen (S)	SUTHERLAND, Mr Daniel James (S)
NDII, Mr Meksianis Zadrak (S)	SUMNER, Dr Jeremy George (O)
NOLET, Mr Christopher Marks (RR)	TAM, Mr Matthew Kyle (S)
NORTON, Dr Richard Andrew (EC)	TANAKA, Ms Emi (S)
OGILVIE, Mr Ross Benjamin (S)	TANNA, Mr Dushyant (O)
PAESOLD, Mr Martin Konrad (S)	TEO, Miss Mingmei (S)
PARKINS, Mr Scott Russell (S)	TIAN, Mr Yu (S)
PETHIYAGODA, Mr Ravindra (S)	TRAN, Minh Canh (O)
POPIEL, Dr Tomasz (O)	TRUDGIAN, Dr Timothy Scott (EC)
PULEMOTOV, Dr Artem (EC)	TSARTSAFLIS, Mr Ioannis John (S)
RAITHEL, Mr David John (S)	TSULAIA, Dr Mirian (O)
REID, Dr Colin David (EC)	VAN DEN DUNGEN, Mr Koen (S)
REISI, Mr Mohsen (S)	VAN HEIJSTER, Dr Petrus (O)
RICKETTS, Mr Graham W Adraham (S)	VERA, Mr Victor (S)
RUTHER, Mr Sebastian (S)	VERI, Prof Dominic Robert (O)
SAEKI, Prof Osamu (O)	WAKAYAMA, Prof Masato (O)
SANG, Miss Tian (S)	WAINWRIGHT, Mr Gil Robert (O)
SALMERON, Dr Raquel (O)	WANG, Dr Shuaian (EC)
SAVKOVIC, Dr Borislav (O)	WHEELER, Dr Valentina-Mira (EC)
SERDOZ, Mr Stuart (Red)	WHITEHAED, Mr Benjamin (S)
SCHROEDER-TURK, Dr Gerd Elmar (O)	WILSON, Mr Padarn George (S)
SCHULTZ, Miss Lias Joanne (S)	WONG, Mr Matthias (S)
SCOLERI, Dr Tony (O)	WOOLCOTT, Dr Geoff (O)
SIERAKOWSKI, Dr Adam (EC)	XU, Mr Jon Yue Zhang (S)
SHETTIGARA, Ms Chaitanya K (S)	ZAOUK, Mr Michael (Edu)
SINGH, Miss Kalpana (S)	ZHANG, Dr Zhou (O)
SMITH, A/Prof Robert (O)	ZHOU, Mr Zongzheng (S)
SORENSEN, Dr Adam Peder Wie (EC)	ZHU, Miss Houying (S)
SPREER, Dr Jonathan (EC)	

MEMBERS WHO PASSED AWAY TOTAL: 7

BREARLEY, EM/Prof Maurice	GAUDRY, Prof Garth I
BUTLER, Dr Michael C R	KOVACS, Dr Laci G
CALDER, Mr Colin	SERESS, Prof Akos
CAMERON, Prof Neil	

MEMBERS WHO CANCELLED THEIR MEMBERSHIP TOTAL: 14

ALDIS, Dr Geoffery K	KIRKPATRICK, Dr Michael
ANDREASSON, Mr Johan	LALLY, Dr Kristine
BHAVNAGRI, Dr Burzin	LEE, Mr Richard K F
BARNETT, Dr Tristan J	MAHANTA, Dr Snigdhasan
HANYSZ, Mr Alexander	MARSHALL, Dr Simon L
HENDERSON, Ms Jenny	STONIER, A/Prof Russel J
JENNINGS, A/Prof Leslie S	WHILE, Dr Peter T

DEEMED RESIGNED MEMBERS TOTAL: 49

(Membership status can be resumed by payment of outstanding fees)

ABRAHAMS, Mr Derek L (O)	HOFFMAN, Dr Ian D (O)
ALFIFI, Mr Hassan (RR)	HOGAN, Dr Jeffery A (O)
BAZHANOV, Prof Vladimir V (O)	JIANG, Mr Stephen (Edu)
BERGHOUT, Mr Bob F (Ret)	KANDANAARACHCHI, Ms Sevvandi P (RR)
BOKOR, Dr Imre (O)	KRUPKA, Prof Demeter (Recip)
BOYS, Mr Clinton (RR)	LOZANOVSKI, Dr Con (O)
BROWNLOWE, Dr Nathan D (O)	LUANGWILAI, Mr Thiansiri (RR)
BRYCE, Dr Bob A (Ret)	MACNAMARA, Dr Shevarl (EC)
BUCHANAN, Mr Derek R (O)	MAMMADOV, Dr Musa (O)
BUTLER, Dr Harry J (O)	MATTHEWS, Dr Miccal T (O)
CHAPMAN, Prof Jon (O)	MCDONALD, Mrs Christine A (Edu)
CHEN, Dr Mike (O)	MENDELSON, Prof Shahar (O)
CLEMENTS, Dr David L (O)	NAZARI, Dr Asef (O)
COBBY, Miss Tegan M (O)	NOAKES, Prof J Lyle (O)
COLIN, Dr Andrew M (O)	OSHODI, Mr Raymond O (O)
DENIER, A/Prof James P (O)	PARROTT, Dr David L (Ret)
DOORIS, Dr Mark (O)	PENESIS, Dr Irene (O)
EJOV, A/Prof Vladimir (O)	RATIU, A/Prof Andrei V (O)
EVANS, Dr Gareth E (EC)	RIDLEY, Dr Barbara H (O)
FRANCIS, Dr Glenda J (O)	STANHOPE, A/Prof Elizabeth (O)
GOLODETS, Dr Valentin (Ret)	THOMAS, Ms Rachel G (O)
GUPTA, Prof S P (Ret)	VASSILIOU, Dr Peter J (O)
HAMZA, Dr Kais (O)	VINOGRADOVA, Dr Elena (O)
HAYS, Dr Michael C (O)	WARD, Prof Josephine A (O)
HEWETT, Ms Mary O (O)	

DEEMED RESIGNED STUDENT MEMBERS TOTAL: 45

(Membership status can be resumed)

ADAMS, Mr Matthew P	JIANG, Mr Si Chao Rowland
BADRAN, Mr Alexander J	JOHANSEN, Mrs Sarah M
BARATTA, Ms Wendy C	KAMARUZAMAN, Mr M Muntazam
BEETON, Mr Nicholas	LEE, Mr Alexander J
BROWNING, Mrs Sara Ann	LEWIN, Mr Peter
BRYAN, Mr Paul A	MACRAE, Mr Cameron
CHAMBERS, Mr Kain	MEI, Mr Lin-Feng
CHERNIH, Mr Andrew	MELLOR, Mr Vincent A
CHISHOLM, Ms Catherine	MENZEL, Miss Kate L
COPE, Mr Robert C	MITCHELL, Mr Lewis
CRISP, Mr Andrew R	MOHAMMADIAN, Mrs Ghazaleh
ESHRAGH-JAHROMI, Mr Ali	MORRIS, Mr Andrew J
FOSTER, Mr James D	NEESON, Mr Michael J
GIBSON, Mr Matthew J	NICHOLS, Mr James A
GILLESPIE, Mr Neil I	ONG, Mr Wilson
HALIMI, Mr Nazer	OURY, Mr David
HATTAM, Ms Laura-Jane L	SHAFALYUK, Mr Anton
HOLMES, Miss Rachel J	SMITH, Mr Andrew G
HORADAM, Mr Daniel P	SOZIO, Mr Gerry
HORSLEY, Mr David E	STANCEVIC, Mr Ognjen
HUANG, Mr Jing	STRAKA, Mr Peter
JACKSON, Mr James	WORSLEY, Mrs Susan R
JAFARIASBAGH, Ms Nahid	

NEW ACCREDITATIONS TOTAL: 7

2 New Fellow (FAustMS):

DOWNEY, Prof Roddney G

MERNONE, Dr Anacleto

4 New Accredited Members (MAustMS):

HOCHS, Dr Peter

SCOLERI, Dr Tony

SCHROEDER-TURK, Dr Gerd E

TRUDGIAN, Dr Timothy

1 New Graduate Member (GAustMS):

ZAOUK, Mr Michael

TOTAL ACCREDITATION LIST:

Fellow (FAustMS) 117

Accredited Member (MAustMS) 37

Graduate Member (GAustMS) 14

FINANCIAL MEMBERS OF THE SOCIETY :

Membership Type	Year 2013	Year 2012	Change
Ordinary	498	484	14
Reduced Rate	19	20	-1
Student Rate	141	113	28
Retired	81	88	-7
Life	64	63	1
Honorary	25	24	1
Reciprocal	32	40	-8
Special Ed	5	6	-1
Sustaining	4	3	1
Institutional	4	4	0
Free	45	39	6
Non-Financial	36	34	2
Early Career	71	54	17
TOTAL:	1,025	972	53

Sustaining members:

Prof Robert Bartnik, Prof Nalini Joshi, Dr Benjamin E Odgers & Dr Todd A Oliynyk

As at 31/7/13, 271 members (including the above listed 49 deemed resigned members and 45 deemed resigned student members) have not renewed their 2013 membership

2. 2013 Subscriptions and Journal Prices to Members

The 56th Annual General Meeting, held at the University of Ballarat, endorsed the decisions of Council and the Australian Mathematical Publishing Association Incorporated that the subscriptions and journal prices to members for 2013 be as follows:

Ordinary Member – \$126	Sustaining Member – \$252
Reciprocal Member – \$63	Reduced Rate Member – \$32
Retired Member – \$32	Education Member – \$63
EC Member – \$63	
Life Membership at Retirement for Members over 55 years – \$630	
ANZIAM – \$12, but Reduced Rate Member – \$6	
Subscription for an Institutional Member:	\$1 524.

Note

- Existing Ordinary Members who renewed their subscriptions before 1st January 2013 were entitled to a rebate of \$5.00, deducted from their payments.
- Members were permitted to pay for up to three years in advance, at the current rate of membership.
- Free membership of the Society was available to any honours or graduate student in mathematics, statistics, computer science, physics or mathematical finance, enrolled at an Australian institution. Such membership was available for 6 years of study, subject to annual confirmation of eligibility by the student.
- In exceptional circumstances, on the recommendation of an ordinary member of the Society, free membership of the Society was available to an undergraduate student of mathematics enrolled at an Australian institution. Such membership was available for 4 years of study, subject to annual confirmation of eligibility by the student.
- All new Ordinary Members were entitled to pay their first year's subscription at the concession rate of \$63 (no rebate).

	Ordinary, Sustaining, Education & Reciprocal Members	Reduced Rate, Retired Members & Life Members
J. Australian Mathematical Society		
Resident in Australia	\$96.80	\$48.40
Resident overseas	\$88	\$44
ANZIAM Journal		
Resident in Australia	\$83.60	\$41.800
Resident overseas	\$76	\$38
Bulletin		
Resident in Australia	\$92.40	\$46.20
Resident overseas	\$84	\$42

Gazette

Free to members paying a subscription.

3. The Australian Mathematical Society Medal

In 2012 the Australian Mathematical Society Medal was awarded to Dr A. Henderson and Dr S. Keith.

The 2013 AustMS Medal Committee consists of:

Professor J.A. Filar (*Chair*); Professor S.O. Warnaar (*Outgoing Chair*);
Professor K.A. Smith-Miles (*Incoming Chair*); Dr A.W. Hassell (*1 year term*).

4. The George Szekeres Medal

In 2012 the George Szekeres Medal was awarded to Emeritus Professor R.H. Street and Professor N.S. Trudinger.

The 2014 George Szekeres Medal Committee consists of:

Professor J.H. Rubinstein (*Chair*); Professor A.J. Guttmann (*Outgoing Chair*);
Professor P.G. Hall (*Incoming Chair*); Professor A.L. Carey (*Member, one yr.*).

5. The Gavin Brown Prize

The Gavin Brown Prize was not awarded in 2012.

The 2013 Gavin Brown Prize Committee consists of:

Professor P.G. Hall (*Chair*); Professor A.P. Bassom (*Outgoing Chair*);
Professor N.S. Trudinger (*Incoming Chair*); Professor P. Solomon (*Member, one yr.*);
Professor T. Speed (*Member, one yr.*).

6. The B.H. Neumann Prize

The 2012 prize was awarded to Imam Tashdid ul Alam of the Australian National University for his talk entitled *The interplay between discrete holomorphicity and integrability in the Z_N model*.

Also special commendations went to:

Karem Elgindy (Monash University), David Hartley (Monash University),
Yi Huang (University of Melbourne), Saba Majeed (University of South Australia),
Stephen Sanchez (University of New South Wales).

7. The Mahler Lecturer

The 2013 Mahler Lecturer is Professor Akshay Venkatesh of Stanford University. The 2015 Mahler Lecturer will be

The 2015 Mahler Lecturer Committee consists of:

Professor W. Zudilin (*Chair*); Assoc. Prof. J. de Gier (*Outgoing Chair*);
Assoc. Prof. M.G. Jackson (*Incoming Chair*);
Professor S.O. Warnaar (*Vice-President (Ann Conf)*);
Assoc. Prof. V. Ejov (*Director 2015 Annual Conference*).

8. The Alf van der Poorten Travelling Fellowship

The winner of the 2013 Alf van der Poorten Travelling Fellowship was Dr T. Ritter of the University of Adelaide.

The 2013 Selection Committee consisted of:

Professor A.P. Mathas (*Chair*); Dr N. Thamwattana (*Incoming Chair*); Assoc. Prof. P.J. Stacey.

9. Lift-off Fellowships

The Australian Mathematical Society Lift-off Fellowships have been awarded in 2012-2013 to:

Dr Nahid Banihashemi (University of South Australia),

Dr Natalie Aisbett (University of Sydney).

The 2012-13 Selection Committee consisted of:

Professor A.P. Mathas (*Chair*); Dr N. Thamwattana (*Incoming Chair*); Assoc. Prof. P.J. Stacey.

10. Fifty-eighth Annual Meeting

The **Fifty-eighth** Annual Meeting of the Society will be held at the University of Melbourne, from Monday 8th December to Friday 12th December 2014, jointly with the New Zealand Mathematical Society as the 8th Australia-New Zealand Mathematics Convention. The Director is Associate Professor P. Norbury.

11. Council Members for the session 2012/2013

The *elected*¹ Members of Council for this past session, 2012AGM – 2013 AGM, were:

President:	P.J. Forrester
Immediate Past President:	P.G. Taylor
Elected Vice-President:	K.A. Smith-Miles
Secretary:	P.J. Stacey
Treasurer:	A. Howe

Ordinary Members:	F. Larusson (2013)	M. O'Reilly (2013)
	J. Bamberg (2014)	N. Boland (2014)
	A. Francis (2014)	J.A. Filar (2015)
	A.L. Glen (2015)	D.G. Mallet (2015)

The *ex officio* members of Council for the 2012–13 session were:

Vice-President (Chair ANZIAM):	P. Broadbridge
Vice-President (Annual Conferences):	S.O. Warnaar
AustMS Member elected to Steering Committee:	N. Joshi
Representative of ANZIAM:	J. Piantadosi
Chair, Standing Committee on Maths Education:	L.N. Wood
Public Officer of both AustMS and AMPAI:	P.J. Cossey
Editors:	
Gazette	S.A. Morris/ D.T. Yost
Journal of AustMS	J.M. Borwein/ G.A. Willis
ANZIAM Journal	A.P. Bassom/ G. Hocking
Electronic Editor.	A.J. Roberts
Bulletin	G.L. Cohen
Lecture Series	C.E. Praeger
Electronic Site	R.R. Moore

¹The Secretary and Treasurer are appointed by Council for each session; see the Constitution, VII34(iii).

12. Reciprocity Agreements

The Society currently operates reciprocity agreements with the following societies:

American Mathematical Society	Mathematical Society of Brunei Darussalam
Calcutta Mathematical Society	New Zealand Mathematical Society
Canadian Mathematical Society	Singapore Mathematical Society
Czech Mathematical Society (CMS) and Union of Czech Math'ns and Physicists (JCMF)	Sociedad Matemática Mexicana
Deutsche Mathematiker Vereinigung	Société Mathématique de Belgique
Edinburgh Mathematical Society	Société Mathématique de France
European Mathematical Society	Société Mathématique Suisse
Gesellschaft für Angewandte etc.	Southeast ASian Mathematical Society
Glasgow Mathematical Association	Suomen Matemaattinen Yhdistys
Hong Kong Mathematical Society	Svenska Matematikersamfundet
Indian Mathematical Society	Islenska Staerdfraedafelagid
Indonesian Mathematical Society	Korean Mathematical Society
Unión Matemática Argentina	London Mathematical Society
Unione Matematica Italiana	Malaysian Mathematical Society
Wiskundig Genootschap	Real Sociedad Matematica Española
Mathematical Society of Japan	Slovak Mathematical Society
Pakistan Mathematical Society	
Society for Industrial and Applied Mathematics (SIAM)	

(A list of contact addresses for each of these Societies is available from the Business Office.)

13. Electronic mailing list

The email list is used to send messages likely to be of general interest to members. To request that a message be sent to the list, please email secretary@austms.org.au.

If you are a member of AustMS, are not receiving any email announcements from the Society and wish to do so, please send your email address to secretary@austms.org.au.

14. Honours to members and friends of the Society

During the last session it has been a pleasure to congratulate the following members or friends of the Society.

Dr B.H.A. Andrews on being elected a Fellow of the American Mathematical Society,
Professor M.G. Eastwood on being elected a Fellow of the American Mathematical Society,
Professor C.F. Miller on being elected a Fellow of the American Mathematical Society,
Professor C.E. Praeger on being elected a Fellow of the American Mathematical Society,
Professor A. Ram on being elected a Fellow of the American Mathematical Society,
Professor J.H. Rubinstein on being elected a Fellow of the American Mathematical Society,
Professor I.H. Sloan on being elected a Fellow of the American Mathematical Society,
Professor N.S. Trudinger on being elected a Fellow of the American Mathematical Society,
Professor T. Speed on being awarded the 2012 Victoria Prize for life sciences,
Dr A. Thornton on winning a Victorian Young Tall Poppy Science Award,
Dr R. Loxton on winning a Victorian Young Tall Poppy Science Award,
Professor C.E. Praeger on being awarded the Thomas Rankin Lyle Medal of the Australian Academy of Science,
Dr A. Delaigle on being awarded the Moran Medal of the Australian Academy of Science,
Professor M. Wand on being awarded the Hannan Medal of the Australian Academy of Science,
Dr J. Clutterbuck on being awarded the A.K. Head Travelling Scholarship of the Australian Academy of Science,
Professor P.G. Hall on being made an Officer of the Order of Australia,
Ms J. Thomas on being awarded a Medal of the Order of Australia,

Dr B.H.A. Andrews on being elected a Fellow of the Australian Academy of Science,
Dr A.W. Hassell on being elected a Fellow of the Australian Academy of Science,
Professor P.G. Hall on being elected a foreign associate of the USA National Academy of Sciences,
Professor T. Speed on being elected as a Fellow of the Royal Society,
Ms J. Henderson on being awarded a Medal of the Order of Australia,
Professor H. Possingham on being awarded an ARC Laureate Fellowship,
Professor P.G. Taylor on being awarded an ARC Laureate Fellowship,
Professor Xu-Jia Wang on being awarded an ARC Laureate Fellowship,
Emeritus Professor R. Baxter on being awarded a Royal Medal of the Royal Society.

15. Deaths of members and friends of the Society

It was with great regret that I informed members during the last session of the deaths of Emeritus Professor Bruce Morton, Emeritus Professor G.I. Gaudry, Associate Professor N. Cameron, Emeritus Professor M.N. Brearley and Dr L. Kovacs.

16. Amendments to the Constitution In a postal ballot conducted on 2nd September 2013, members agreed to change paragraphs 3, 4, 7, 8, 10, 11, 12, 13, 14, 15, 25, 33, 35, 37, 40, 45, 46, 47, 55, 56, 57, 58, 59, 65, 66, 67, 68, 71, 72, 74, 76, 77, 81, 82, 83, 84, 85, 90 and 92 of the Society's Constitution. There were 308 validated votes of which 301 were in favour of the amendments, 6 were against and 1 was informal.

17. Acknowledgements and thanks

I am grateful for the help I have received throughout the year from the President, Peter Forrester, the Treasurer, Algy Howe, the editor of the electronic site, Ross Moore, and all the other editors and officers of the Society. The Secretary gets a chance to glimpse the huge amount of work they all do for the Society, for which all members should be grateful.

I should also like to thank May Truong and the other members of the Society's Business Office for their help throughout the year.

Peter Stacey
September 2013

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La Trobe University
Vic 3086
EMAIL: secretary@austms.org.au

AUSTRALIAN MATHEMATICAL SOCIETY INC.

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Telephone: (02) 6125 8922
Fax: (02) 6125 8923

Treasurer's Report for June 1st 2012 - May 31st 2013

In the past financial year the Society has provided:

\$3,485 to STA
\$1,000 to the Victoria Algebra Group
\$9,368 for 21 student travel grants to the 2012 AustMS AGM, University of Ballarat, Ballarat Vic
\$3,716 for EC Workshop at University of Wollongong
\$1,000 for B H Neumann prize
\$14,650 for 3 Lift Off fellowships
\$26,400 for AMSI membership
\$15,000 for AMSI summer school and vacation scholars
\$7,500 for International Olympiad in Informatics 2013
\$10,000 for AMSI Planet Earth
\$35,000 for 2013 AustMS AGM seeding money

Grant Moneys Returned:

\$8,438 from 2012 AustMS AGM University of Ballarat

Due to publication of JAustMS running behind schedule, CUP has not provided us with any subscription details for 2012, nor have we received complete payments for publishing JAustMS in 2012. However, we have received an advance payment of £41,913 from CUP.

At the end of December 2012, the Bulletin paid subscription numbers stood at 314, of which 123 institutions paid via their parent consortium. In addition a further 1,757 institutions also got online access via consortia. The total profit to AustMS, for the Bulletin, was £55,659, which is an increase of 3.8% on the previous year.

In this financial year, we received £38,664 from CUP for publication of the ANZIAM J in 2011. This is an increase of 2.4% from the previous year. At the end of December 2011, the ANZIAM J paid subscription numbers stood at 223, of which 71 institutions paid via their parent consortium. In addition a further 1,681 institutions also got online access via consortia.

The strength of the Australian dollar continues to depress the amounts of money

returned to us by CUP.

The citations per paper for JAustMS and the Bulletin for this year is 1.91 citations per paper for JAustMS and 1.83 citations per paper for the Bulletin.

The Business Office has again been very well run by May Truong, Amy Choo and Michael Foo.

For the period June 1st 2012 - May 31st 2013 the audited financial statements show that our total receipts were \$133,428 and the total payouts were \$156,653 giving an operating loss) of (\$23,225). The receipts include money collected for ANZIAM but not for AMPAI.

It is well known that AMPAI pays for much of the expenses of the Society. The full production costs for the Gazette, paid by AMPAI, was \$40,899.

This financial year AMPAI made a loss of (\$52,256). Taking into account the fact that the Society made a loss of (\$23,225), we see that the combined loss of the Society and AMPAI, over this financial year, is (\$75,481).

After the end of the 2013 financial year, on 22nd July 2013, we received the final account for the ANZIAM J 2012. CUP paid AustMS a sum of £42,008, which includes CUP editorial costs. The £42,008 is an increase of 0.3% on the same payment for 2011. This increase is solely due to an increase in editorial costs paid by CUP. Otherwise, there is a decrease of 4% in profits. At the end of December 2012, the ANZIAM J paid subscription numbers stood at 203 of which 93 institutions paid via their parent consortium. In addition, a further 1,806 institutions also got online access via consortia.

The Society's income was made up from:

Total subscriptions from Members (including ANZIAM and accreditations)	\$84,194
Grant money returned	\$8,438
Copyright royalties	\$170
Interest income	\$48,218
Counting Australia In	\$447

The payments were:

Officers expenses	\$6,739
Grants	\$107,296
AMSI membership	\$26,400
Transfer to ANZIAM (subscriptions \$3,786, subvention \$9,983)	\$13,769
Bank, credit card and away fees	\$2,496
Storage of journals	\$4,372
Miscellaneous insurance	\$2,616

Total paid up membership at 30th June 2013 was 745 (non-financial members are not included).

	June 2013	June 2012
Fellows	116	110
Graduate Members	15	15
Accredited Members	38	33
Ordinary Members	481	469
Reduced rate Members	14	18
Student Members	128	103
Early Career Members	61	54
Reciprocal Members	32	40
Education Members	5	5
Non-financial Members (officials from other societies)	36	34
Honorary Members	25	24
Free Members	45	39
Life Members	65	63
Retired Members	80	86
Deceased Members	6	11
Resigned Members	10	7
Deemed Resigned Members	100	39
New Members	145	104

Institutional Member : Auchmuty Library
University of Newcastle,
Mathematical Sciences Institute
Australian National University,
Department of Mathematics
La Trobe University
AMSI

Sustaining Member : Prof Nalini Joshi
Prof Robert Bartnik
Dr Benjamin Odgers

Algy Howe
Treasurer
21st August 2013

Australian Mathematical Society

ABN 80 494 677 202

Financial Statements
For the year ended 31 May 2013

Australian Mathematical Society
ABN 80 494 677 202

Contents

Committee's Report	3
Income and Expenditure Statement	5
Detailed Balance Sheet	7
Notes to the Financial Statements	9
Statement by Members of the Committee	10
Independent Auditor's Report to the Members	11

Australian Mathematical Society
ABN 80 494 677 202
Committee's Report
For the year ended 31 May 2013

Your committee members submit the financial accounts of the Australian Mathematical Society for the financial year ended 31 May 2013.

Committee Members

The names of committee members at the date of this report are:

Peter J Forrester
Algy Howe
Anthony J Roberts
Ross R Moore
Peter J Stacey
Sidney A Morris
David T Yost
Jonathan M Borwein
George A Willis
Andrew P Bassom
Graeme Hocking
Graeme L Cohen
Cheryl E Praeger
Jerzy Filar
Amy Glen
Daniel Mallet
Finnur Larusson
Malgorzata O'Reilly
John Bamberg
Natashia Boland
Philip Broadbridge
S Ole Warnaar
Julia Piantadosi
Leigh N Wood
P John Cossey
Nalini Joshi

Principal Activities

The principal activities of the association during the financial year were: fostering communication among its members; organising and supporting mathematical conferences in Australasia; giving grants; awarding prizes and making the community aware of mathematics.

Significant Changes

No significant change in the nature of these activities occurred during the year.

Australian Mathematical Society
ABN 80 494 677 202
Committee's Report
For the year ended 31 May 2013

Operating Result

The deficit from ordinary activities after providing for income tax amounted to

Year ended	Year ended
31 May 2013	31 May 2012
\$	\$
(23,224.86)	(39,989.92)

Signed in accordance with a resolution of the Members of the Committee on:

Peter J Forrester

Algy Howe

Australian Mathematical Society
ABN 80 494 677 202
Income and Expenditure Statement
For the year ended 31 May 2013

	2013	2012
	\$	\$
<hr/>		
Income		
Subscriptions	82,200.74	83,429.23
Interest received	48,218.50	53,756.02
Other income	3,008.58	2,155.14
Total income	<u>133,427.82</u>	<u>139,340.39</u>
Expenses		
Officers Expenses	6,738.74	11,028.61
Total Grants	121,066.17	130,626.11
AMSI payment	11,000.00	24,000.00
Bank Fees And Charges	15.00	25.00
Commission	1,581.70	1,592.04
Fees & charges	899.79	527.00
Insurance	2,615.53	2,884.81
Pitman bequest interest	165.73	196.61
Purchase of surplus journals AMPAI	33.00	38.50
Postage	1,487.23	1,718.52
Repairs & maintenance	754.64	749.57
Storage	1,964.41	4,128.00
Change in stock valuation	4,858.12	(1,721.58)
Sundry expenses	3,472.62	2,660.25
Telephone		876.87
Total expenses	<u>156,652.68</u>	<u>179,330.31</u>
Profit (loss) from ordinary activities before income tax	(23,224.86)	(39,989.92)
Income tax revenue relating to ordinary activities		
Net profit (loss) attributable to the association	(23,224.86)	(39,989.92)
Total changes in equity of the association	(23,224.86)	(39,989.92)

Australian Mathematical Society
ABN 80 494 677 202
Income and Expenditure Statement
For the year ended 31 May 2013

	2013	2012
	\$	\$
Opening retained profits	423,344.95	463,334.87
Net profit (loss) attributable to the association	<u>(23,224.86)</u>	<u>(39,989.92)</u>
Closing retained profits	<u>400,120.09</u>	<u>423,344.95</u>

Australian Mathematical Society
ABN 80 494 677 202
Detailed Balance Sheet As At 31 May 2013

	Note	2013 \$	2012 \$
Current Assets			
Cash Assets			
Cash At Bank - CBA Current A/C		31,756.93	39,119.92
CBA Security Investment A/C		27,082.29	20,788.47
Term Deposit #2476		419,600.14	398,391.88
Term Deposit #2484		384,952.93	414,359.09
Term Deposit #5645		101,852.50	126,729.92
		<u>965,244.79</u>	<u>999,389.28</u>
Receivables			
Accounts Receivable		13,035.00	13,111.00
		<u>13,035.00</u>	<u>13,111.00</u>
Other			
Prepayments		17,807.59	
Journals On Hand		191.62	5,049.74
		<u>17,999.21</u>	<u>5,049.74</u>
Total Current Assets		<u>996,279.00</u>	<u>#####</u>
Total Assets		<u>996,279.00</u>	<u>#####</u>
Current Liabilities			
Other			
Subscriptions in advance		54,634.41	52,680.57
		<u>54,634.41</u>	<u>52,680.57</u>
Total Current Liabilities		<u>54,634.41</u>	<u>52,680.57</u>
Total Liabilities		<u>54,634.41</u>	<u>52,680.57</u>
Net Assets		<u>941,644.59</u>	<u>964,869.45</u>

The accompanying notes form part of these financial statements.

Australian Mathematical Society
ABN 80 494 677 202
Detailed Balance Sheet As At 31 May 2013

	Note	2013 \$	2012 \$
Members' Funds			
Reserves			
Net Assets		541,524.50	541,524.50
Accumulated surplus (deficit)		400,120.09	423,344.95
Total Members' Funds		941,644.59	964,869.45

Australian Mathematical Society
ABN 80 494 677 202
Notes to the Financial Statements
For the year ended 31 May 2013

Note 1: Summary of Significant Accounting Policies

This financial report is a special purpose financial report prepared in order to satisfy the financial reporting requirements of the Associations Incorporations Act of the Australian Capital Territory. The committee has determined that the association is not a reporting entity.

The financial report has been prepared on an accruals basis and is based on historical costs and does not take into account changing money values or, except where specifically stated, current valuations of non-current assets.

The following significant accounting policies, which are consistent with the previous period unless otherwise stated, have been adopted in the preparation of this financial report.

(a) Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, deposits held at call with banks, and other short-term highly liquid investments with original maturities of three months or less.

(b) Revenue and Other Income

Revenue is measured at the fair value of the consideration received or receivable after taking into account any trade discounts and volume rebates allowed. For this purpose, deferred consideration is not discounted to present values when recognising revenue.

Interest revenue is recognised using the effective interest rate method, which for floating rate financial assets is the rate inherent in the instrument. Dividend revenue is recognised when the right to receive a dividend has been established.

Grant and donation income is recognised when the entity obtains control over the funds, which is generally at the time of receipt.

All revenue is stated net of the amount of goods and services tax (GST).

(c) Goods and Services Tax (GST)

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Tax Office. In these circumstances, the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense. Receivables and payables in the assets and liabilities statement are shown inclusive of GST.

Australian Mathematical Society
ABN 80 494 677 202
Statement by Members of the Committee
For the year ended 31 May 2013

The Committee has determined that the association is not a reporting entity and that this special purpose financial report should be prepared in accordance with the accounting policies outlined in Note 1 to the financial statements.

In the opinion of the Committee the Income and Expenditure Statement, Statement of Financial Position, and Notes to the Financial Statements:

1. Presents fairly the financial position of Australian Mathematical Society as at 31 May 2013 and its performance for the year ended on that date.
2. At the date of this statement, there are reasonable grounds to believe that the association will be able to pay its debts as and when they fall due.

This statement is made in accordance with a resolution of the Committee and is signed for and on behalf of the Committee by:

Peter J Forrester
President

Algy Howe
Treasurer

Australian Mathematical Society
ABN 80 494 677 202
Independent Auditor's Report to the Members

Report on the Financial Report

We have audited the accompanying financial report, being a special purpose financial report, of Australian Mathematical Society (the association), which comprises the Statement by Members of the Committee, Income and Expenditure Statement, Balance Sheet, notes comprising a summary of significant accounting policies and other explanatory notes for the financial year ended 31 May 2013.

Committee's Responsibility for the Financial Report

The committee of Australian Mathematical Society are responsible for the preparation of the financial report and have determined that the basis of preparation described in Note 1, is appropriate to meet the requirements of the Associations Incorporation Act of the Australian Capital Territory 1991 and is appropriate to meet the needs of the members. The committee's responsibilities also includes such internal control as the committee determine is necessary to enable the preparation of a financial report that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on the financial report based on our audit. We have conducted our audit in accordance with Australian Auditing Standards. Those Standards require that we comply with relevant ethical requirements relating to audit engagements and plan and perform the audit to obtain reasonable assurance whether the financial report is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial report. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial report, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the association's preparation of the financial report that gives a true and fair view, in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the association's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the committee, as well as evaluating the overall presentation of the financial report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Auditor's Opinion

In our opinion, the financial report presents fairly, in all material respects, the financial position of Australian Mathematical Society as at 31 May 2013 and its financial performance for the year then ended in accordance with the accounting policies described in Note 1 to the financial statements, and the Associations Incorporation Act of the Australian Capital Territory 1991.

Australian Mathematical Society

ABN 80 494 677 202

Independent Auditor's Report to the Members

Basis of Accounting

Without modifying our opinion, we draw attention to Note 1 to the financial report, which describes the basis of accounting. The financial report has been prepared to assist Australian Mathematical Society to meet the requirements of the Associations Incorporation Act of the Australian Capital Territory 1991. As a result, the financial report may not be suitable for another purpose.

Signed on :

James Daniels,
Federation Tax & Accounting
116 Crawford Street Queanbeyan NSW

2013 Editors' Report to Council

(Prepared with the assistance of JD Borwein)

Summary: Borwein and Willis have now been editors for a little more than a year. When they took over the journal was still publishing 2010 issues and had a large backlog in all parts of the process. During the past 15 months, this situation has been addressed and work flow is now very satisfactory. The issues up to April 2013 have appeared online and on time publication is now anticipated. A move to a new electronic publication system, *ScholarOne*, should be complete by year's end. It will be demonstrated during the annual meeting. Over the next year it is hoped to maintain the work flow while slightly reducing the acceptance rate and preserving a six to eight month store of papers ready to publish.

I. Editorial arrangements

Jon Borwein and George Willis (University of Newcastle) have now fully taken on the editorship. July 2012 to September 2013 has seen many papers processed and some significant procedural changes implemented. The team of Associate Editors is currently as follows:

B. Alspach	B. J. Gardner	B. Martin	A. Sims
L. M. Batten	A. M. Hassell	C. Meaney	V. T. Stefanov
F. Calegari	A. Henderson	M. K. Murray	T. Tao
D. Chan	M. G. Jackson	A. J. Pryde	W. Zudilin
P. C. Fenton	V. Jeyakumar	I. E. Shparlinski	

There have been changes to the composition of the team of Associate Editors and a few more may still be added. Attrition and the need to better cover the maths being sent to our journal have necessitated these changes. The rate of success with referees seems to be good as the papers are being returned with reports in timely fashion. Thanks are due to our Associate Editors past and present for their unstinting efforts.

Cambridge University Press manages the publishing in the UK, and Sunrise Setting of Devon handles the typesetting and printing. The quality of the product we think excellent.

II. General Comments

The Editorial Assistant for the Journal of the AustMS is Judith Borwein who can be contacted at jams@austms.org.au.

(a) Cambridge University Press continues the production and distribution of our Journal.

(b) All those involved in the process of producing our Journal deserve our thanks for furthering the dissemination of mathematics. Without the many levels in the editorial process little would be accomplished. Our Associate Editors deserve special thanks as much effort goes into the grooming of papers which come into their hands.

(c) We are moving to a commercial *Scholar One* to track our papers and the Beta product will be ready to try out for our Associate Editors in the spring and summer. This system seems to be more user friendly and should undo most of the trouble our authors and editors have experienced

with OJS. For the most part authors are electronically submitting papers in the present system. Only a handful of authors in the last year have found the system too difficult. Electronic submission by authors will be obligatory in the new system. At present it is not possible to ascertain with any degree of confidence how many papers are being sent to the referees by the Associate Editors but in the new system there will be a clickable category which covers this.

(d) Our Co-Editors have a model of assessment which has them culling the submissions each week. Papers rejected without refereeing represent **38.8%** of our submissions. This category includes those papers which should have been sent to a more specialist journal and those which are just not up to the standards of the Journal of the Australian Mathematical Society. Thus, **61%** of submissions go to an Associate Editor and of these **46%** are accepted for publication: a 28.1% current acceptance rate.

(e) In the period from July 2012 to September 2013 out of **358** papers received the number rejected without refereeing was **139**. The 358 papers came from **57** countries. Our authors who have made it to electronic publication and print publication from July 2012 to September 2013 are represented here by the countries with the most publications; *USA (22), Canada (11), China (11), France (9), and Australia (7)*.

(f) The Copyright procedure has been streamlined. JAMS as of June 2013 has been accepting the copyright forms electronically. This simple change has improved the waiting time from acceptance to being sent to Cambridge. Since this change the average elapsed time is *one month* with the outliers being from 1 day to 2 months.

III. General publication data

Each calendar year has 2 Volumes with three issues (1-3) each. For example in 2012 we had Volumes 92 (1 to 3) and 93 (1-2 and 3). Publication for 2012 was not standard as the actual release of the hard copy journals was late. Volume 92 Issues 1 and 2, which were published in February 2012 and April 2012 respectively, were produced by the previous editors. Volume 92 Issue 3 produced for June 2012 was the first journal produced by the new Editors in Chief. Volume 93 Issue 1-2 produced for August-October 2012 was published much later than it was slated to be out. The next volumes are on a normal production schedule: Volume 93 Issue 3 produced for December 2012, Volume 94 Issue 1 produced for February 2013 and Volume 94 Issue 2 produced for April 2013 are finished. The remaining volumes for 2013 and the first ones for 2014 are being processed at the moment.

2012 Print publications in 2012 (new editors): Vol. 92 Issue 3 (June), Vol.93 Issue 1-2 (August-October) and Vol. 93 Issue 3 (December).

2013 Print Publications in 2013: Volume 94 Issue 1 (February), Volume 94 Issue 2 (April).

The Journal continues to be published in three parts per volume with two volumes per year. Normally there are 440 pages plus 2 index pages in each volume.

IV. Mean Publication delay and Median Publication delay:

Vol. and Issue by Number	Month Journal is In Hard Copy	Mean Months from submission to Print Publication	Mean Months from acceptance to Publication Online	Mean Months from acceptance to Print Publication	Median Months from Submission to Print Publication	Median Months from acceptance to Publication Online	Median Months from acceptance to Print Publication
92:3	June 2012	16	11.5	17.4	18	9	16
93:1-2	Aug-Oct 2012	19.5	12.4	9.3	18	12	9
93:3	Dec 2012	18.9	11.75	8.75	18	11	11
94:1	February 2013	27.8	9	7.6	33	10	9
94:2	April 2013	18.8	8.5	8.8	21	8	7

V. Backlog

The backlog of accepted papers waiting to be processed for publication by Cambridge University Press stands at 54 and will cover volumes 94.3 (June 2013), 95.1 (August 2013), 95.2 (October 2013), 95.3 (December 2013), 96.1 (February 2014) and further into 2014.

Papers received and processed prior to the period of this report.

	Country	No. of papers Published 5/2009-4/10	No. of papers published 5/2010-4/211
1	USA	9	9
2	Japan	5	5
3	UK	4	5
4	Australia	3	4
5	Spain	4	3
6	China	2	3

In the period from July 2012 to September 2013 out of **358** papers received the number rejected without refereeing was **139**. The **358** papers came from **57** countries. The countries with the most published papers are in order: *USA (22), Canada (11), China (11), France (9), and Australia (7)*.

JOURNAL of the AUSTRALIAN MATHEMATICAL SOCIETY

Countries of authors	Countries represented by Rejections with out refereeing	Countries represented by Rejections after Refereeing	Countries represented by accepted and published works
Algeria	1		
Australia	9	4	7
Austria			2
Bangladesh	1		
Belgium			1
Brazil	1	2	2
Bulgaria		1	
Canada	2		11
China	38	22	11
Colombia			1
Croatia			1
Egypt	5	2	
Estonia	1		
Finland			1
France		2	9
Germany	1	2	5
Greece			1
Hong Kong			3
Hungary		1	3
India	19	5	5
Iran	20	6	4
Iraq	1		
Ireland		1	1
Israel			1
Italy	1	5	5
Japan	2	1	2
Jordan		2	
Korea	2	5	5
Lithuania			1
Malaysia	1		1
Mexico	2	1	1
Morocco	1		
The Netherlands			2
New Zealand			5
Nigeria	2		
Oman	1		
Pakistan	1		
Poland	7	2	2
Puerto Rico		1	
Portugal			1
Romania	2	1	1
Russia	1		
Saudi Arabia	3	1	
Scotland			1
Serbia	2	1	2
Slovakia		1	1
Slovenia			2

JOURNAL of the AUSTRALIAN MATHEMATICAL SOCIETY

South Africa	1		2
Spain	2	1	3
Sri Lanka	1	2	
Taiwan	1		1
Tunisia	5	1	
Turkey	10	1	1
United Arab Emirates	1		
United Kingdom			5
USA	5	7	22
Vietnam	2	1	

Present status of papers submitted to JAMS:

Status of Submitted Papers	5/2009-4/2010	5/2010-4/2011	5/2011-4/2012	6/2012-8/2013 New Editors
Unassigned	5	12	unknown	6
In Review (with AE)	54	58	unknown	53
Archived: Rejected	148	132	unknown	118
Archived: Declined (no Referee)	41	34	unknown	139
Withdrawn	2	1	unknown	4
Total Rejected:	189	166	unknown	257
Total Accepted:	40	44	unknown	101
Total papers processed	231	211	unknown	358

Status of Submitted Papers	Total 07-08	Total 08-09	Total 09-10	Total 10-11	Total 11-12	Total 12-13
Accepted	37	22	40	44	unknown	101
Rejected	167	242	189	164	unknown	257
Withdrawn	1	2	2	1	unknown	3
Received	272	323	231	211	unknown	358
Accepted	13.6%	6.8%	17.3%	20.8%	unknown	28%*

* This acceptance rate is higher than two years ago because we were lenient with papers that the Journal had not handled in a timely fashion.

JOURNAL of the AUSTRALIAN MATHEMATICAL SOCIETY

Addendum to 2012 Editor's Report to Council

We are very grateful to Michael Cowling, Ian Doust, Judy Gregory and Tony Roberts for the great assistance that they have given us with the hand-over. In his final annual report, Michael mentioned the increasing workload for the editors, associate editors and the secretary arising from authors seeking help to upload their paper or information on the progress of their paper. Our own experience with the Open Journal Systems (OJS) online interface suggests that a significant part of that increased workload may result from the unintuitive and now old-fashioned nature of the OJS. We are exploring alternative online systems with a view to determining whether savings in time spent by the secretary would cover the costs of using a commercial system. A system that it is easier for authors to use could also lead to more high quality papers being submitted.

Please let us know your views.

Jonathan Borwein and George Willis

Editors, 24 August 2012

Report on ANZIAM journal – Aust. MS. 2013

This has been a very positive year for the journal.

In the year 2012 there were around 290 submissions to the e- and paper journal and less than half of these made it to peer review – the others were rejected immediately as being unsuitable or of insufficient standard by the Editors (or in some cases the AEs). Of those reviewed, around 75% were rejected. However, it is the feeling of the Editors that the number of the poor quality submissions has diminished in the last two years due to the hard line they have taken.

The series of papers by the ANZIAM medallists is continuing. Since January 2012 papers by Tuck and Wake have appeared and that by Hill should appear in the next issue, 54(4).

The impact factor has improved from 0.25 in 2011 to 1.025 in 2012, and its ranking has risen from 230/245 in the category of Applied Mathematics to 73/247 (Journal Citation Reports, Thomson Reuters).

The issue on “Mathematical Biology” was modified to be on “Infectious Diseases” due to a narrow focus of submissions. The issue came out as a double issue that substantially improved our time situation. Thanks to Geoff Mercer and Mat Simpson for their efforts in that (double) issue. Consideration is being given to another with the more general (original) title.

The special issue on Nanotechnology is making slow progress but should be out in 2013-2014. Seven papers are currently in review for this issue.

Marketing within the ANZIAM community appears to be bearing fruit with a continuing increase in local authorship.

In July, editor Hocking attended a lunch at Cambridge with representatives from CUP. They were very pleased with the progress that has been made and were keen to follow up with further marketing. They mentioned that we seem to have avoided the loss in subscriptions that often comes from delays in publication.

In the last 12 months significant progress has been made. The journal can be said to be back on track, with January, 2013, 54(3) received by subscribers and April 54(4) in production. The improvement in impact factor is a credit to all involved. Thanks must go to all Associate Editors, the Copy-editors, CUP and all the reviewers who have contributed to this effort.

Andrew Bassom and Graeme Hocking
Co-Editors (ANZIAM Journal)

BULLETIN OF THE AUSTRALIAN MATHEMATICAL SOCIETY

ANNUAL REPORT, 2013

This report covers the period 1 June 2012 to 31 May 2013, during which I have been the sole editor of the *Bulletin*. I continue to be assisted by Brian Ackerman who was appointed to the role in June 2011.

As has been the case for the past five or six years, all editorial work for the *Bulletin* is now handled electronically. Papers are received through the Open Journal System (OJS), as organised by Tony Roberts. Subsequent emailing between authors, Sunrise Setting Ltd (typesetters for Cambridge University Press) and me is mostly carried out using the *Bulletin's* Google Apps account, with the email address `editor@bulletin.austms.org.au`. Files are maintained using Dropbox cloud storage. It is Brian's job to look after all the folders stored on Dropbox, to track papers through the system (including reminding me of tardy referees) and to update statistics in preparation for the annual reports.

Brian also has the major responsibility for checking the return of copyright transfer agreements, and maintaining those agreements. The *Bulletin's* address for the return of the hard-copy agreements is Post Office Box 73, Edgecliff, NSW 2027, but six months ago an understanding was reached with Cambridge University Press that we could accept scanned signed agreements as pdf files. Since that time, in fact nearly all agreements have been returned in this way and the the rental of the post office box will soon be discontinued.

The editorial work of the *Bulletin* is of course assisted in a major way by the advice of the panel of associate editors and others who are called on to referee papers. I am grateful to them all. The current associate editors are: Bob Anderssen, John Cossey, Bruce Craven, Brian Davey, Andrew Francis, Joseph Grotowski, George Ivanov, Owen Jones, Gus Lehrer, Richard Loy, Kevin McAvaney, Michael Murray, Patrick Tuen Wai Ng, Iain Raeburn, Hyam Rubinstein, Jamie Simpson, Brailey Sims, Don Taylor, Bevan Thompson, David Yost and Wadim Zudilin.

	1 June 2010 – 31 May 2011		1 June 2011 – 31 May 2012		1 June 2012 – 31 May 2013	
	number	%	number	%	number	%
Total submissions	521		575		762	
Declined	335	64.3	308	53.6	555	72.8
Withdrawn	4	0.8	6	1.0	9	1.2
Rejected	56	10.8	147	25.6	99	13.0
Accepted	94	18.0	134	23.3	116	15.2
Resubmitted	6	1.2	0	0	0	0
Being refereed	28	5.4	34	5.9	20	2.6

Table 1: Submission data for this and the previous two years

Turning to details of the year's work, Table 1 shows an increase of almost one-third in the number of papers received this year (762) over the previous year (575). And last year there was an increase of about 10% over the year before that (521). I wrote last year that the "enthusiasm and inexperience" of the new editors (William Chen and I, appointed in April 2011) had resulted in an increased acceptance rate of an increased number of papers so that there were enough papers fully processed or being typeset or refereed, to fill the next four issues or so. I expressed the wish that we could reach a steady state of having sufficient papers in the system for just two future issues at any time. The large increase in submissions this year has defeated that aim for now, despite the acceptance rate being at its lowest in years, and perhaps ever. Table 1 shows an acceptance rate of 15.2% last year, compared with 23.3% and 18.0% in the two preceding years and the reports from 2010, 2009, 2008 and 2007 give acceptance rates of 17.6%, 22.5%, 23.4% and 20.9%, respectively, in those years. There are signs that the number of submissions will abate in the year beginning 1 June 2013: there have been 136 submissions until 26 August this year (which would suggest about 550 for the full year), with 15.4% accepted for publication. Table 1 shows also that almost three-quarters of papers received are now being declined, which means that they are, in effect, returned to authors following an initial culling by me and with the suggestion that they be sent to another journal.

As I foreshadowed in last year's report, the *Bulletin* now includes the date of acceptance on all papers alongside the date of receipt. Furthermore, in a move that is to be welcomed, Cambridge University Press has decided to give the date each paper first appeared online, alongside the other dates. This began with Volume 87, Issue 2. These two moves allow easy calculation of publication lags and backlogs. The *Bulletin* publishes two volumes a year, with each volume consisting of three issues, each of 176 pages, amounting to about 100 papers a year. Brian and I have calculated the information in Table 2 for the 67 papers appearing in the four issues 87(2) (dated April 2013), 87(3) (June 2013), 88(1) (August 2013) and 88(2) (October 2013, now at the printers).

	R to A	A to O	O to P	R to P
median times (months)	1.9	3.2	9.5	14.6
mean times (months)	2.5	2.9	8.2	13.6

Table 2: Lag times, April to October 2013 (R = receipt, A = acceptance, O = online, P = in paper)

The figures in Table 2 are of some interest. The refereeing times in the first column in fact range from a day or two to just over a year, but the average of around 2 months would be the envy of many journals. This is consistent with the original aim of the *Bulletin* for rapid processing of papers; but the average time to publication in paper of around 14 months, as shown in the final column, would horrify Bernhard. This reflects the increased number of submissions described above. The saving grace, which would greatly please Bernhard, is that papers appear online in just five months or so, on average.

Region	2007–2008			2008–2009			2009–2010			2011–2012			2012–2013		
	Rec.	Acc.	%	Rec.	Acc.	%	Rec.	Acc.	%	Rec.	Acc.	%	Rec.	Acc.	%
Australasia	31	17	54.8	16	11	68.8	20	13	65.0	27	12	44.4	20	10	50.0
PhD Abst.	4	4		5	5		10	10		3	3		1	1	
Oceania													1	1	100.0
Asia	206	33	16.0	235	40	17.0	253	20	7.9	298	49	16.4	360	41	11.4
Middle East	60	6	10.0	54	7	13.0	64	3	4.7	113	18	15.9	141	17	12.1
Europe	102	33	32.4	91	22	24.2	78	18	23.1	91	35	38.5	148	25	16.9
Africa	18	3	16.7	15	16	107.0	18	1	5.6	11	4	36.4	35	2	5.7
Americas	36	11	30.6	33	0	0	41	20	48.8	32	13	40.6	54	19	35.2
TOTALS	457	107	23.4	449	101	22.5	484	85	17.6	575	134	23.3	760	116	15.3

Table 3: Acceptance data by region, 2007–2013 (excluding 2010–2011)

Table 3 contains acceptance data by region and continues tables provided by my predecessor, Don Taylor; the information for 2010–2011 was not collected. The proportion of papers accepted to those received is given for each region. There is a new entry this year—Oceania—reflecting the acceptance of a paper from the University of French Polynesia. (Note that the percentages reflect the fact that papers accepted may in fact have been received in the preceding year. So the percentages are a guide only.) The results are seen to be reasonably consistent over the years.

There has been a disturbing drop in the number of PhD abstracts published. Perhaps department heads throughout this country and New Zealand might be reminded of this service to their PhD students. Department heads should in turn bring this to the notice of PhD supervisors. The same request was made last year. Was anything done about it?

This may well be my final report. I have indicated that I do not wish to continue as editor beyond my three-year appointment, which ends next April. Again, I would like to thank the associate editors and all referees for their help, as well as the Society executive for its support, and especially Brian Ackerman for making the job so much easier than it might have been.

Graeme Cohen
Editor

29 August 2013

Gazette Annual Report 2013

Sid Morris and David Yost began their tenure as joint Editors of the Gazette of the Australian Mathematical Society on January 1, 2013. We thank the previous Editors, Amie Albrecht and Kevin White for their assistance with the changeover. The changeover was smoother than it might otherwise have been, thanks to the professionalism of Eileen Dallwitz, the Production Editor.

As Amie and Kevin said in their 2012 report to Council they “found it increasingly difficult this year to find time to prepare each issue on time.” The November 2012 issue appeared a couple of months late and the new editors received a small backlog of unpublished material. However, we are pleased to report that so far all 2013 issues have been published on time and there is now no backlog. And we see no matters of concern in the near future.

1. Publication Arrangements

The Gazette of the AustMS is published in five issues per year. An electronic copy of each issue is freely available online, but institutional subscribers receive a printed copy. Members may also receive a printed copy, at no extra charge, by indicating this preference at their membership renewal. There is a small but significant number of members, mostly retired, who still rely on receiving a printed copy in a timely manner. The print run is currently 400, which is down from 450 a year ago.

When the print run of covers of the Gazette ran out, the Editors decided that a modest change to its look was desirable. The new look aims to be less “cluttered” than the previous one. The colour was changed to blue. The first issue to appear with the new cover will be Volume 40, Number 4 due to published in September.

2. Content

The most important point to be made is that the Gazette receives a more than adequate amount of material to maintain 5 issues per year of up to 80 pages.

Technical articles

- Unsolicited technical articles continue to be submitted, but at a low rate. Usually these can be rejected immediately, but there is sometimes need for consideration of whether they qualify as ‘Classroom Notes’.
- The Gazette does publish invited technical papers. These are to provide brief introductions for non-specialists in particular areas of mathematics or to update members on recent developments in a subject area. An example of the latter is the article “Twin Progress in Number Theory” by Tim Trudgian which reported on the solution of the Ternary Goldbach Conjecture and the dramatic progress on the Twin Prime Conjecture.
- Short articles by student prize-winners and Lift-off Fellows have been published in every issue this year and most issues since July 2010.

News is regularly communicated to Gazette readers by the President (in the President's Column), the Secretary (in the AustMS section), the AMSI Director (in AMSI News), by the Chair on the National Committee for the Mathematical Sciences and through the General News (including upcoming Conferences and Visitors).

We have given permission for the next NCMS column to be republished in the newsletter of the Statistical Society of Australia Inc. The NCMS covers not only mathematical sciences but also statistical sciences so, from time to time, matters discussed in its column may well be of interest to members of other societies such as SSAI.

Another example of cooperation with external organisations is the revival on an agreement to swap advertisements with the American Mathematical Society. The Australian Mathematical Society places one full page ad in the Notices of the American Mathematical Society and the American Mathematical Society places two full page ads in the Gazette. Given the relative circulations, this is a fair arrangement.

- Ivan Guo's Puzzle Corner remains popular and attracts several submissions each issue. We have agreed for the Puzzle Corner to feature also on the Mathematics of Planet Earth Australia website <http://mathsofplanetearth.org.au/>.
- The Gazette publishes reports from Society-funded conferences.
- The Gazette publishes book reviews.
- The Gazette performs an important task for members by publishing both obituaries and awards won.

Sid Morris and David Yost, Editors August 2013

Annual Report of Electronic Editor

Prof Tony Roberts

August 31, 2013

- Have been getting a few more people experience with copy and layout editing, specifically Scott McCue and Judy Bunder. Extensively updated my copy and layout editing notes.
- New formats for published articles other than pdf look feasible (aiming for iPads, iPhones et al.). But I have not had enough time to find a practical route.
- OJS continues to serve article management. Currently we have nearly 7,500 submissions, rejections and publications tracked in the OJS database.

A scattering of universities regard OJS emails from our commercial server Dreamhost to be spam, and the emails are thus rejected. On average about once a week. Have not managed to circumvent the problem.

- Electronic supplement published 34 articles (so far) in vol. 54: CTAC, MISG and Supplement. (We continue to provide facilities other publishers cannot cope with as I found out when trying to include interactive 3D graphics in an article published by Elsevier.)
- Added suggestion that authors provide short video presentation of their article, but no takers so far.
- Repaired our listing with the Directory of Open Access Journals.

AUSTRALIAN MATHEMATICAL SOCIETY
LECTURE SERIES

Report to Council 2013

1. Editorial Board

Professor Cheryl Praeger	Editor-in-Chief, University of Western Australia
Professor Phil Broadbridge	LaTrobe University
Professor Michael Murray	University of Adelaide
Professor Matt Wand	University of Wollongong
Professor Jacqui Ramagge	University of Wollongong

We are pleased to announce that this year Cambridge University Press renewed its contract with the Australian Mathematical Society as publisher of the Lecture Series through to the end of 2017. Terms of members of the Editorial Board are to 31 Dec. 2013. All have accepted a further term as editors.

2. New publications in and submissions to the Lecture Series.

(a) Since I prepared my report at this time last year, Volume 22 in the series was published. It is an introduction to the representations of Lie algebras, by Anthony Henderson.

(b) Cambridge University Press has approved the editorial board's recommendation to publish a monograph by Peter Nikolas from the University of Wollongong. It will be entitled 'Wavelets', and is based on lecture notes for a course he has taught to third year students for a number of years. The intended audience for the book is 3rd year undergraduate students, both in mathematics and engineering.

(c) We are hoping that the following monographs, which are under consideration, will be published in the next year:

- D. Baowan, B.J. Cox, T.A. Hilder, N. Thamwattana and J.M. Hill of the Universities of Wollongong and Adelaide for a proposed book entitled 'Nanomathematics: Geometry and Mechanics of Carbon Nanstructures'; a conditional contract has been signed; authors are liaising with CUP on revisions.
- Jon Borwein, Jeff Shallit, Alf van der Poorten, Wadim Zudilin for a proposed monograph to be entitled 'Neverending Fractions'; a contract has been signed, estimated delivery of the completed manuscript within the next 12 months.
- Timothy Burness and Michael Giudici for a proposed monograph to be entitled 'Classical groups, derangements and primes'; a contract has been signed and we await delivery of the completed manuscript.

The editors enthusiastically welcome further submissions, and are happy to discuss possibilities with potential authors.

3. The Series:

The first book published in the Series appeared in 1985, and there have been 22 books published to date.

No. 22. Representations of Lie algebras: an introduction through \mathfrak{gl}_n
Anthony Henderson
Published August 2012

Professor Cheryl E. Praeger
9 August 2013

Web-editor's Report to the AustMS Council

Ross Moore

September 2, 2013

This report describes some of the activities which have been taking place, involving the AustMS Wiki-based website, during late 2012 and 2013.

For the most part it has been “business as usual” in regard to the Society’s website. That is, the ongoing tasks such as ‘Calendar entries’, ‘News’ items and the occasional ‘Jobs’ advertisement have been posted as they occur. Each year updates are required to the pages listing Office Bearers, Council members, prize winners, etc. and to various email addresses (e.g., for Gazette/Journal editors) as the responsible personnel changes. Quite a few obituary notices were posted in the ‘News’ section, along with links to ‘in memoriam’ pages, elsewhere on the net.

Just a few other initiatives have been started and/or implemented. The following listing covers most of what has happened throughout the past year.

- | | |
|---|--|
| A. Bulletin website updates; | K. “Counting Australia In” on sale; |
| B. ALTC workshop website; | L. Constitution Postal Ballot information; |
| C. updated ‘Gazette’ email address; | M. ‘Women in Mathematics’ SIG website; |
| D. Mathematics of Planet Earth Australia; | N. formatting of long URL addresses; |
| E. Back issues of AustMS journals; | O. Mahler schedule 2013; |
| F. Reciprocal membership criteria; | P. Membership Renewal form error; |
| *G. Student Support scheme; | *Q. email lists for ANZIAM members; |
| *H. Accreditation application form; | *R. CTAC (ANZIAM) site needs updating; |
| I. Accreditation listings; | *S. out-dated pricing for journals. |
| J. JAMS Associate Editors listing; | T. Calendar and ‘News’ entries. |

Each of these items is discussed in some detail within the following sections, ordered roughly sequentially in date/time-order of the required work being done.

A. Bulletin website updates

Issues about the options available on the OJS site, for listing the names and affiliations of Associate Editors, and others on the editorial team, seem to have been resolved now.

B. ALTC workshop website

Jennifer Lai needed help with Wiki editing, to update the Professional Development unit for 2013, based upon what was there previously for 2012. She seems to have this well under control now.

C. updated ‘Gazette’ email address

With the change of Gazette editors, the email address gazette@austms.org was updated to bounce mail to the new editors. Sid Morris’ account on the AustMS Wiki needed some adjustments to allow him to create webpages for each new issue.

D. Mathematics of Planet Earth Australia

Many events have been scheduled, and held, under the auspices of this initiative. This has led to many ‘calendar’ entries, as well as a special page under the ‘Events’ menu. Keeping that page up-to-date has been very difficult, as there was no requirement on event organisers to notify the Society as well as AMSI. Thus the listing of events there is far from complete.

E. Back issues of AustMS journals

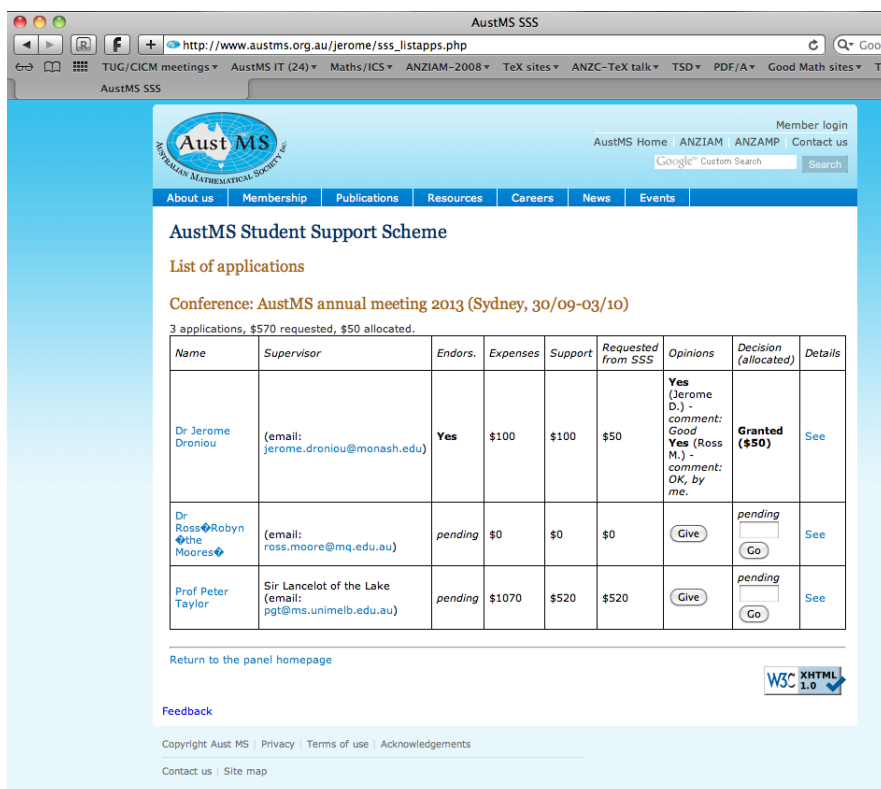
There was a bug on the CUP website, whereby back issues from more than 5 years ago were being charged for. This was reported to Roger Astley, and the situation rectified, in accordance with the ‘5-year moving wall’ principle. (See also item S, below.)

F. Reciprocal membership criteria

The words “normally resident outside Australia” were added in bold-face to the webpage concerning Reciprocal Membership. This brought the contents of that page into line with formerly used brochures, and the Constitution’s definition of a reciprocal member.

G. Student Support scheme

Jerome Droniou (Monash University) has developed a website for handling applications from students for support to attend AustMS sponsored conferences. This site allows students to state their case, including how much they want and already have from other sources. After specify their supervisor’s name and email address, the system automatically sends an email to request confirmation of the legitimacy of the request. Those in charge of allocating funds can get a nice overview of all applications for attendance at a specific conference/meeting.



The screenshot shows a web browser window displaying the AustMS Student Support Scheme (SSS) website. The page title is "AustMS SSS" and the URL is "http://www.austms.org.au/jerome/sss_listapps.php". The website has a blue header with the AustMS logo and navigation links: "About us", "Membership", "Publications", "Resources", "Careers", "News", "Events". The main content area is titled "AustMS Student Support Scheme" and "List of applications". It specifies the conference: "AustMS annual meeting 2013 (Sydney, 30/09-03/10)" and shows "3 applications, \$570 requested, \$50 allocated." Below this is a table with columns: Name, Supervisor, Endors., Expenses, Support, Requested from SSS, Opinions, Decision (allocated), and Details.

Name	Supervisor	Endors.	Expenses	Support	Requested from SSS	Opinions	Decision (allocated)	Details
Dr Jerome Droniou	(email: jerome.droniou@monash.edu)	Yes	\$100	\$100	\$50	Yes (Jerome D.) - comment: Good Yes (Ross M.) - comment: OK, by me.	Granted (\$50)	See
Dr. Ross Robyn the Moores	(email: ross.moore@mq.edu.au)	pending	\$0	\$0	\$0	<input type="button" value="Give"/>	pending <input type="button" value="Go"/>	See
Prof Peter Taylor	Sir Lancelot of the Lake (email: pgt@ms.unimelb.edu.au)	pending	\$1070	\$520	\$520	<input type="button" value="Give"/>	pending <input type="button" value="Go"/>	See

Below the table, there is a link "Return to the panel homepage" and a "Feedback" link. At the bottom, there is a "W3C XHTML 1.0" logo and copyright information: "Copyright Aust MS | Privacy | Terms of use | Acknowledgements" and "Contact us | Site map".

The site has undergone some testing and is close to being ready to go live. Perhaps other on-line application forms can be developed in a similar way; e.g., for Prize nominations, and even Membership or Accreditation applications.

H. Accreditation application form

In previous years it has been suggested to update the Accreditation webpage for electronic submissions. A PDF version of this form is a possibility, or perhaps a site could be established similar to that for the Student Support Scheme.

I. Accreditation listings

Some changes were made to the listing of Fellows, due to the requirement that a fellow remains a financial member of the Society. In particular, there seems to be an outstanding application that has not been fully processed due to lack of a C.V. for the applicant.

J. JAMS Associate Editors listing

With new editors, some updates were needed to the listing of associate editors, both on AustMS Wiki pages and on OJS. But now that OJS is being replaced by Scholar One, the question has been raised about whether information there can be used to seed the AustMS Wiki pages for JAMS. This may be possible, but I do not have the required expertise with PHP programming to achieve it. Perhaps Jerome Droniou can help with such a task?

K. “Counting Australia In” on sale

Graeme Cohen’s book has been placed on Sale. The webpage with purchasing details was adapted for the new prices, and the image on the icon-link adjusted to draw attention to the Sale.

L. Constitution Postal Ballot information

A page was devised to give access to the details of the proposed Constitution changes. To make this easy to find, a link was placed prominently on the main entry page. 308 valid ballot papers, and a further 16 invalid ones, were received. This is more than were expected, but it is not clear whether the prominence of the link to the relevant information had any real affect on these numbers.

The new Constitution is now available on the website, with a link replacing that to the previous version. An older textual version remains, requiring significant work to bring up-to-date, if we really want it available in that format.

M. ‘Women in Mathematics’ SIG website

Amy Glen has created a webpage on the AustMS Wiki for the new SIG.

<http://www.austms.org.au/Women+in+Mathematics+group>

N. formatting of long URL addresses

Formerly URL addresses were not being split onto multiple lines to fit the natural window width. This caused some pages to become excessively wide. Hank Szeto fixed the problem by adjusting a CSS style-sheet property.

O. Mahler schedule 2013

The number of lectures and colloquia given by the Mahler lecturer is a little greater this year than previously, thus adding to the number of calendar entries required: one for each city visited + another listing all events. When it was realised that Wollongong had booked an event on a NSW public holiday, it was resolved by exchanging dates with Monash.

P. Membership Renewal form error

An issue arose with regard to paying membership renewals and journal subscriptions via the online eWay system. It seems that members wishing to renew both membership and journal subscriptions must wait 15–20 minutes after making the 1st transaction, to be able to successfully complete the 2nd transaction. It is not yet fully understood whether this is a real requirement, or if the error message that has been reported is due to something else (e.g., caching on some platforms) that happens to go away after a suitable lapse of time.

Q. email lists for ANZIAM members

Julia Piantadosi has supplied a spreadsheet listing the states of all ANZIAM members, with the aim of having separate mailing lists for each state branch. While such mailing lists can be easily setup, it is not yet clear how these lists will be subsequently maintained. A method that makes use of the AustMS's Wiki website is desirable, but leaves open many questions. For example, how will NZ members, who are not also members of AustMS, be properly handled?

R. CTAC (ANZIAM) site needs updating

The CTAC webpage <http://www.anziam.org.au/Computational+Mathematics+Group> has a table of meetings with the convenor and a pointer to the Proceedings. Phil Broadbridge writes: “The last CTAC conference listed here was in 2004. Please ask CTAC Exec to upgrade records of conferences and of office-bearers.”

S. out-dated pricing for journals

The Wiki pages for the Society's main journals (JAMS and ANZIAM-J) contain links to

- <http://www.austms.org.au/Frequently+asked+questions+about+electronic+subscriptions>

This information seems a bit outdated now. How much of it is in fact still relevant?

How close is it, timewise, to when the links to this page can be removed?

Similarly for the ‘Members Prices’ and ‘Back Number Prices’ section on the page:

- <http://www.austms.org.au/Journal+subscription+-+Prices>

Given that back issues older than 5 years can be obtained freely from CUP, via the “moving wall” principle, is there any remaining demand for purchasing back issues in this way? All those volumes and issues are now more than 5 years old.

T. Calendar and ‘News’ entries

The Society's website currently lists 88 separate events within the year 2013, and another 6 for 2014, using the online ‘Calendar’ facility. This is a significant increase on previous years, most likely due to the ‘Mathematics of Planet Earth 2013’ initiative, and also to the full schedule for the Mahler lecturer tour in September/October.

Problems reported in previous years appear to have been rectified for this year. Many more events are being advised-of well in advance, as is required, both to get listed in the calendar and to request a hi-resolution logo for use on conference materials.

The number of ‘News’ items posted onsite since the previous AGM has risen to 50, more than twice the number in the previous 12 months. Tragically this number includes 5 death notices. On the other hand, 11 are congratulatory notices for Australian mathematicians receiving prestigious awards or fellowships.

Ross Moore,
web-editor for AustMS

ANZIAM: Report for 2012/2013
to the Australian Mathematical Society

Office bearers

The leadership group for ANZIAM comprises Phil Broadbridge (Chair), Larry Forbes (Deputy Chair), Julia Piantadosi (Secretary), and Peter Johnston (Treasurer). I acknowledge the advice and support of all members of the ANZIAM Executive, a very strong team.

At the 2013 annual general meeting in Newcastle, Tim Marchant stepped down as Deputy Chair, having previously served as Chair. I wish to thank Tim for the innovations and hard work that characterised his term on the executive.

2013 AGM and Annual Conference at Newcastle

The annual ANZIAM conference was hosted by the NSW Branch from 3rd to 7th February, 2013 at the Newcastle Civic Centre, an excellent venue. The conference director was Jon Borwein and his committee included Masoud Talebian (treasurer), Juliane Turner, David Allingham, Ros Hickson, Natashia Boland, Mike Meylan, Bishnu Lamichhane and Phil Broadbridge (SIAM representative). The meeting was well attended with over 200 delegates, including over 80 students. The inaugural E. O. Tuck Medal, for mid-career service and achievement, was awarded jointly to Prof. Shaun Hendy of Victoria University of Wellington School of Chemical and Physical Sciences and Industry, and to Prof. Geoffry Mercer of the National Centre for Epidemiology and Population Health, Research School of Population Health at ANU. Thank you to Bob Anderssen for his role as Chair of the Tuck Medal selection committee, and to the other members of the committee. The J.H. Michell medal for outstanding young researcher was awarded to Dr Terry O’Kane of CSIRO Marine and Atmospheric Research. Thanks to Anthony J. Roberts for his role as Chair of the selection committee, and to the other members of the committee. The TM Cherry Prize for best student presentation was awarded jointly to Mr. David Khoury of the University of NSW and Mr Theodore Vo of the University of Sydney. The invited speakers were Heinz Bauschke (University of British Columbia), Keith Devlin (Stanford University), Matthias Ehrgott (University of Auckland), Bard Ermentrout (University of Pittsburgh), Chris Glasbey (BIOSS Edinburgh), Graeme Hocking (Murdoch University), Hanna Kokko (The Australian National University), ANZIAM Medallist Robert McKibbin (Massey University), and Michell Medallist Matthew Simpson (Queensland University of Technology). Thank you to Larry Forbes, for his role as Chair of the invited speakers committee and to the other members of the committee. For the first time, the 2013 annual meeting was run in co-operation with SIAM. The two organisations have an agreement to promote each others’ meetings and activities.

Delegates at ANZIAM2013 appreciate Andrew Eberhard and Graeme Wake for their moving tribute to the late Elder Professor Charles Pearce, an ANZIAM Medallist.

ANZIAM is especially thankful to CSIRO for sponsoring students to attend the ANZIAM 2013 conference. The record number of student delegates led to logistic problems of which other associations would be envious. It was difficult for the student prize committee to attend enough lectures to compare the finalists. The subsidised student registrations contributed to the finances showing no surplus, despite a good attendance.

2014 Annual Conference at Rotorua

The 2014 annual conference of ANZIAM will be hosted by the New Zealand Branch, with Steve Taylor as conference director. The conference will be held in Rotorua, 2nd to 6th February, 2014. Rotorua is 220km south of Auckland, and the venue is the Millenium Hotel. The following speakers have accepted invitations to present lectures at ANZIAM 2014:

Alison Etheridge (Oxford): Stochastic processes, population genetics.

Lisa Fauci (Tulane): Biological fluids.

Douglas Heggie (Edinburgh): "Mathematics, Astronomy and Physics - a Three-Body Problem"

Shane Henderson (Cornell): Optimization

Shaun Hendy (Victoria University of Wellington) "Slippery issues in micro and nanoscale flows"

Bernd Krauskopf (Auckland): "Discovering the geometry of chaos"

Geoff Mercer (ANU)

Terry O'Kane (CSIRO): "The statistical mechanics, dynamics and predictability of geophysical flows"

□ Registrations for ANZIAM 2014 will open soon at the website

<http://anziam2014.auckland.ac.nz/registration/>

Future annual conferences will be planned by the Queensland Branch (2015) and the ACT Branch (2016).

Early-career event

An ANZIAM sub-committee, chaired by Bronwyn Hajek, recommended that AustMS Early-Career events alternate their location between the annual meeting of AustMS and the annual meeting of ANZIAM. AustMS Steering Committee has received and endorsed this recommendation, with the additional advice that two such events be held in even-numbered years, and none in odd-numbered years. This actually produces more closely spaced events. This proposal is yet to be endorsed by AustMS Council. However, there will be an early-career event held in the vicinity of Rotorua after the annual ANZIAM meeting. For that particular meeting, Alex James and Richard Brown will be assisting as new Zealand organisers, in cooperation with the Early-Career Committee of Aust MS.

Special interest groups

MISG

ANZIAM and AMSI have signed an agreement to jointly manage the annual Mathematics-in-Industry Study Group (MISG). In 2013, MISG was hosted at QUT by the Queensland Branch of ANZIAM with Troy Farrell as Director. The meeting was held from 29th January to 2nd February 2013 with around 100 delegates working on industry projects from Australian Bureau of Statistics, Australian Institute of Marine Science, Fonterra, Kirby Institute of UNSW, Plant Protection Chemistry NZ and Queensland Dept. of Transport and Main Roads. By all reports from industry and academic participants, this event was very successful. MISG2014 will be held at QUT Brisbane from 28th January to 1st February. It will be preceded by a MISG Graduate School.

The **Computational Mathematics Group** held the 16th Biennial Computational Techniques and Applications Conference (CTAC) on 23rd to 26th September 2012 at QUT Brisbane, directed by Ian Turner. Invited speakers were Peter Bartlett (QUT), Markus Hegland (ANU), Ralf Metzler (University of Potsdam, Germany), Valeria Simoncini (Università di Bologna, Italy), Richard Tsai (The University of Texas, USA), and Stephen Wright (University of Wisconsin, USA). This is a long-running successful meeting, that alternates biennially with Engineering Mathematics and Applications Conference.

The **Engineering Mathematics Group** will run the 11th EMAC from 1st to 4th December, Directed by Dann Mallet, again at QUT Brisbane. Invited speakers are Lori Bassman (Harvey Mudd College, David Lovell (CSIRO), Robert Mahony (ANU), Joe Monaghan (Monash University) and Darryl Yong (Harvey Mudd College).

Mathematical Biology Special Interest Group (MBG) will be running the AMSI Infectious Disease Modelling Workshop from 25th to 27th September 2013 in Newcastle.

Members of the special interest group on **optimization SigmaOpt**, and others in ANZIAM, will be involved in running an international conference MODSIM2013, from 1st to 6th December 2013 in Adelaide, with co-convenors John Boland and Julia Piantadosi. Both ANZIAM and AustMS will be contributing \$1500 in seeding money.

The **MathSport** Group ran the 11th biennial Australasian Conference on Mathematics and Computers in Sport (MathSport) from 17th to 19th September 2012 in Melbourne.

State branches

Likewise, the state branches of ANZIAM had an active year with most branches holding or supporting a mini-conference, with ANZIAM funding support.

Student Support Scheme

The CSIRO ANZIAM Student Support Scheme (SSS) was introduced in 2008, following generous sponsorship from CSIRO. CSIRO have agreed to continue supporting the SSS, with \$15,000 per year until 2015. Students seeking assistance under the SSS were required to obtain financial support from their home university wherever possible and to submit a detailed budget requesting matching funds from the SSS. The SSS panel consists of Phil Howlett (Chair), Frank de Hoog and Mick Roberts. I thank both CSIRO and SSS panel for their support and hard work in making this scheme a success.

International relations

Ian Sloan represented ANZIAM on the International Committee for Industrial and Applied Mathematics.

In June I represented ANZIAM at the opening ceremony of the Joint Use Institute of Mathematics for Industry, Kyushu University, Fukuoka Japan. This is big news for applied mathematics in the Pacific Rim, as the national Joint Use Institute funding gives the new institute similar status to that of RIMS Kyoto.

In May, I began to investigate running an ANZIAM meeting in the tourist region of Hangzhou China. The provincial applied mathematics association is interested to assist.

In July, on behalf of ANZIAM, I wrote a letter of support for a proposed MERLIN Centre for Doctoral Training in Industrial Mathematics, to be run by a consortium of Universities of Manchester, Nottingham and Southampton that has applied for EPSRC funding.

ANZIAM Finances

The financial outlook for ANZIAM looks bleak. These issues must be incorporated in a future AustMS business plan.

CSIRO contributes up to \$15,000 pa to the student support scheme. This has greatly stimulated student involvement, with a record number attending the annual conference in 2013. However, the demands for 50% assistance (with matching contributions from students' institutions) now exceed supply, so ANZIAM has supported the over-run, up to \$14,000. The 2014 annual conference will be in Rotorua, increasing costs for Australian residents. The student support scheme will be offering only 40% of students' travel and accommodation expenses.

Subventions from AustMS registrations currently amount to less than \$13,000 pa. Even if AustMS increases registration fees by 10%, income to ANZIAM will increase by only \$1,300.

Interest from fixed-term deposits has been of the order of \$10,000 but now interest rates have been reduced to an all-time low. ANZIAM has already broken open the smaller of two fixed-term accounts, in order to cover costs.

The reserves of circa \$200,000 have been built up from surplus incomes at past conferences. However, the past two annual conferences have balanced their budgets only because of small contributions from their home institutions, for which we are grateful. The lower-than-expected return from the 2013 conference was due largely to the record number of students who pay subsidised registration fees. While this is a good investment for the future, the expense must be reined in. Future conference directors will be asked to charge a little more for student registrations.

Our seven branches and six special interest groups have been running worthwhile activities that deserve support. The total support for these 13 is budgeted to be \$14,000.

ANZIAM contributes \$6,000 of AustMS AMSI sustaining membership fee.

This year ANZIAM has budgeted for a meagre \$1200 operating surplus, planned before we became aware that we would be hosting the early career event next February. At the last AustMS early-career event, costs exceeded the AMSI support by \$6000.

ANZIAM-AustMS

I would like to thank Peter Forrester, Peter Taylor, Nalini Joshi, Geoff Prince and Peter Stacey for their support in maintaining strong links between AustMS and ANZIAM during the year.

Phil Broadbridge (Chair ANZIAM) August 2013