The

Australian

Mathematical

Society

(Inc)

Reports for

the sixty-second
Annual General Meeting

and the

one-hundred-and-twenty-fifth
Council Meeting
2018

President's Report
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AustMS President's Report

Annual Meeting 2018

Two years ago, I began my term as President with a long list of issues that I wanted to help the society address, after seeking feedback from members and leaders in our community, and it has just kept growing over the last two years:

- develop a society response and action plan for the Decadal Plan for the Mathematical Sciences;
- provide a forum for mathematicians to debate fundamental questions about our discipline;
- expand reciprocal and cooperation agreements between AustMS and other societies in Australia and overseas;
- review and adapt the London Mathematical Society's "Good Practice Scheme" for gender equity, ensuring that all society processes conform to best practice;
- investigate and provide feedback to the ARC about perceived inequities in the ARC grant system and ERA process that may be disadvantaging some groups within the mathematical sciences;
- encourage more mathematicians to nominate for ARC College of Experts roles;
- revisit the dormant course accreditation process;
- upgrade the society's website to provide the full functionality and ease of use that various special interest groups, conference organisers, and committees require;
- develop strategies to mitigate financial risk from our dependence on (expected diminishing) profits of the publishing arm of the society;
- promote the discipline to the broader community to raise public awareness of the power and importance of mathematics.

The advice I received was to select a few of these issues to prioritise during my term, and leave the rest for the next President. Selecting just a few was a difficult decision though, since they are all so important. The real problem is not that we had a list that was too long, but rather that we have not been engaging enough of the talent within our volunteer-run society to help advance all of these causes simultaneously. I am pleased to report that actions have commenced to advance progress on all these priorities. Many hands make light work indeed!

Our challenge is typical of any volunteer-run organization. AustMS has a small and committed team of exceptional office-bearers and a wonderful Steering Committee and Council, but greater engagement across the members of the society is important to ensure we understand the views and needs of our members, and can develop plans, make decisions, and take actions in a timely and responsive manner on behalf of our members. One of my goals has been to increase such engagement with the talent pool of our membership, so we can get the right wise advice and accelerate our decision making and actions. To this end, we now have several new structural mechanisms to support progress across a range of society activities:

- a new role of Vice-President (Learning and Teaching) – Prof Diane Donovan (from University of Queensland) - who will be leading many aspects of our implementation of the Decadal Plan for the Mathematical Sciences, as well as re-igniting the dormant accreditation program;
- a new Equity, Diversity and Inclusion Committee – chaired by Prof Nalini Joshi (from University of Sydney) – whose agenda includes overseeing the implementation of the gender equity best practice recommendations from a working party chaired by Prof Aidan Sims (from University of Wollongong);
- a new Finance Committee – chaired by Prof Nigel Bean (University of Adelaide) – who are reviewing the society's budget and investment strategies and making recommendation to Council for how we can grow the society's income to better support members; and
- a new Website Redevelopment Implementation Committee – chaired by A/Prof Jerome Droniou (Monash University) – that will be providing technical expertise and recommendations to Council about the long-awaited website upgrade and redevelopment project.

I am very grateful to these people for the leadership they will be offering the society moving forward, along with their fellow committee members, and am delighted that this structural reform provides Council with much valuable input from across the country with which to advance many aspects of the society's business. We also have a recently augmented Nominations and Publications Committee, with more people helping to ensure that elections to society positions are canvassing a broad range of nominees. Attracting multiple candidates necessitated an election for the next President, and the new Vice-President (Learning and Teaching) role also attracted multiple nominations, which is a very healthy sign that we have succeeded in engaging more top-quality people willing to serve the society, and a trend that I hope will continue.

While I am thanking people, I must acknowledge the tremendous contributions made by our volunteer office bearers, Peter Stacey (Secretary) and Algy Howe (Treasurer), as well as the fantastic support from the administrative team lead by May Truong at ANU. They have all provided me with such amazing support, and I am very grateful. When I agreed to take on the President role I did so under the condition that Peter Stacey would remain as Secretary throughout my term. It was a very wise stipulation in hindsight, and his imminent retirement in 2019 is no doubt concerning for my successor who didn't insist on such a condition! More will be said about Peter's tremendous contributions to the society in due course, but here I express my personal thanks to him (and his family) for his commitment. I am also very grateful to our wonderful Council members who have offered their time, advice and expertise very generously, and have made my two-year term as President a most rewarding experience. In particular, I'd like to thank Geoff Prince, who has served as an observer on Council in his capacity as Director of AMSI, but is retiring at the end of this year. Geoff has made enormous contributions to the mathematical sciences community over many years, and we have valued his wise contributions to our Council and Steering Committee discussions. Our agreement with AMSI is up for renewal too, which provides important joint funding for so many workshops, conferences, lecture tours, and joint promotion of AMSI and AustMS

activities. I look forward to signing the renewed AMSI-AustMS agreement as one of my last acts as President. Finally, thanks to the many members who have sent me messages of support over the last two years. It has been a privilege to serve as President of this society, and I hope some of you will have the opportunity to serve in this capacity in future years.

I have particularly enjoyed the opportunity to reflect every few months on important issues affecting our discipline, and our society, and share these perspectives with you all in the President's Column for the AustMS Gazette. The ten columns I have written over the last two years have covered a range of topics that I believe are critically important for us to discuss:

- the role of mathematics in this critical period of rapid AI and data-driven technological change;
- increasing engagement within and outside our discipline;
- gifted education and our role in outreach/enrichment activities;
- curriculum reform to ensure employability of graduates, and the role of course accreditation;
- society activities supporting our young mathematicians;
- the challenges and opportunities to grow society income to increase support for members;
- insights from the ARC College of Experts experience;
- equity, diversity and inclusion considerations, including support for WIMSIG activities, and the development of codes of conduct for society conferences and events;
- our relationship with Science Technology Australia and other societies and peak bodies;
- the Decadal Plan and the society's response;
- perspectives on industry engagement;
- tackling perception issues about mathematics in the general public;
- the role of the society in speaking out on political issues where they affect mathematics;
- the pioneering work of Alison Harcourt and the factors that made her recognition long overdue (and I'm delighted to share the news that she has now been awarded an Honorary Doctorate from University of Melbourne, and is 2019 Victorian Senior Australian of the Year!); and
- the importance of debate within our community on a range of topical issues (including but not limited to the above).

With increased engagement of our members in a range of issues that will affect our discipline in coming years, and a culture of engaged debate and input from our talent pool through new committee structures, the society will undoubtedly be in a strong position to respond to future challenges and opportunities. I look forward to lending my enthusiastic support to our incoming President – Prof Jacqui Ramagge (University of Sydney) – as she leads the society in its next exciting chapter.

Professor Kate Smith-Miles, FAustMS

President
November 1st, 2018

Secretary's report to Council and the AGM 2018

1. Statistics for period 1/8/17 - 30/9/18

NEW MEMBERS:233

*Ordinary Members (O)   Early Career (EC)   Reciprocal Members (Recip)   Reduced-rate Members (RR)
Retired Members (Ret)   Student Members (S)   Education Members (Edu)   Sustaining Members (Sust)

ADDERTON Remy Alexander (S)
ADDO Emmanuel (S)
AGGARWAL Riya (S)
AGUSTIN Micah Nieriz (EC)
AJZENSZMIDT Ian Martin (Ret)
AKSAMIT Anna Natalia (EC)
ALAMRANI Fahad Maqbul (S)
ALBION Seamus Patrick (S)
ALIZADEH Faezeh (RR)
ALOSSAIMY Abdulrahman Nasser (S)
AMANOIL Linda (S)
AMBATTU ASOKAN Ambily (EC)
ANGELOVA Maia (O)
ANTOWN Fadi (S)
ARANCIBIA IBARRA Claudio Andres (S)
ARROYO Romina Melisa (Recip)
BADLAN Rachel Louise (O)
BAGHAL GHAFFARI Hamed (S)
BAKHTAWAR Ayreena (S)
BANOVA Timothy James (S)
BAPAT Asilata Anand (EC)
BECKER Kimberly Elise (RR)
BELET Sarah Marie (S)
BENNETT Nathan (S)
BISHOP Alexander John ((S)
BLACHUT Chantelle Louise (S)
BLOOMFIELD Luke Anthony (S)
BODE Michael (O)
BORDIGNON Matteo (S)
BRADLY Chris (EC)
BREUER Florian (O)
BRITZ Thomas (O)
BROWN Phillip James (S)
BROWN Ryan Thomas (S)
CALLAN Torrington (S)
CAMPBELL Will (S)
CASANOVA Jean-Jerome (S)
CASTLE Toen (O)
CHAIMANOWONG Wee (S)
CHAN Adam See-Yuen (S)
CHAND Jatin (O)
CHAUDHURI Anupam (S)
CHEN Changhao (EC)
CHEN Guanheng (EC)
CHEN Nelson (S)
CHEN Sophie Chunhua (S)
CHEN Yi-Lung (S)
CHENG Hanz Martin (S)
CHIRAPPURATHU REMESAN Gopikrishnan (S)
CHUNG Huy Nam Steven (S)
CILLI Phillip Andrew (RR)
CLARKE Bryce James (S)
CRIMMINS Harry James (S)
CULLY-HUGILL Michaela (S)
DANCSO Zsuzsanna (O)
DAWSON Sean Russell (S)
DE LEGER Florian Martin Laurent (S)
DEDDUWAKUMARA Dilanka Shenal (S)
DEMSKOY Dmitry (O)

KOWALSKA Julia Natalia (S)
KRINGS Marvin (RR)
KRZYSIK Oliver Andrew (S)
KUMAR Neeraj (EC)
KYAW Aung Kyaw (S)
LAFUENTE Ramiro Augusto (EC)
LANARI Edoardo (S)
LEONG Xing Yee (S)
LEVCHENKO Elena (O)
LI Huanhuan (EC)
LI Zimin (S)
LIM Johnny Khai Yang (S)
LIN Sha (S)
LOO Sara Li-Yen (S)
LOVELACE-TOZER Meirian Sara (S)
LU Fei (S)
LUONG Phillip (S)
MACKINLAY Daniel Bruce (S)
MADERAZO Dominic Luigi Manreal (S)
MAEHARA Yuki (S)
MAJIC Matt Robert Arie (RR)
MALDON Benjamin (S)
MARSHMAN Margaret Fiona (Edu)
MATSIAKA Oleksii (S)
MCCARTHY Elizabeth Lesley (S)
MCINERNEY Sean Michael (S)
MCINTOSH Janine Louisa (Edu)
MILLS Sam (S)
MONDAL Sanjib (S)
MONTEAGLE Blair Patrick (S)
MORPHETT Anthony (O)
MORRILL Thomas Stuart (EC)
MORROW Liam Christopher (S)
MURRAY Thomas William (S)
NAQVI Yusra (EC)
NASRAWI Abrahim Steve (S)
NGE Kie Seng (S)
NGUYEN Cuong Duy (S)
NGUYEN Diana Minh Huyen (S)
NIE Adam (S)
NIKNAMI Behrooz (S)
NITSCHKE Matthew Cody (S)
NOVOZHILOV Vasily (O)
OATES Greg (Edu)
OELZ Dietmar Bernhard (S)
OLANIPEKUN Peter (S)
ONG Marrielle (S)
OSTAFE Alina (O)
PAKER Brett Damien (O)
PEDERSEN Thomas Jacob (S)
PERALTA Oscar (RR)
PLANIDEN Chayne Daniel (EC)
POOLADVAND Pantea (S)
POSPISIL Christina (RR)
QIU Shiqiu (S)
RAJ Nawin (EC)
RAMAN Bhariv (S)
RANATHUNGA Gagani Pathumika (S)
RANDRIAFANOMEZANTSOA RADOHERY Georges Ferdinand (S)

DIZON Neil Kristofer (S)
DOAN Hong Chuong(S)
DOCHE Christophe (O)
DORJI Kumbu (S)
DOUGLAS Craig C (Recip)
DRUMMOND-COLE Gabriel C (Recip)
DUFF Candy (S)
DUIGNAN Nathan Paul (S)
ELLIOTT Partick Cuidean Dragan (S)
ELZAHABY Youstina (S)
ERMAKOV Andrei (S)
ERNST Andreas (O)
FADAI Nabil Thomas (EC)
FALSER Daniel (O)
FANG Lishan (S)
FICHERA Andrew Joseph (RR)
FOK Chi-Kwong (EC)
FORD Hugh (S)
FURNESS David (RR)
GAINA Daniel (O)
GALAPITAGE Ajini Hasara Nethrarathne (S)
GALLO Anthony John (S)
GIRARDI Kay Marie (S)
GLOBKE Wolfgang (Recip)
GRANT Andrew (S)
GRANTHAM Kelsey Lynn (S)
GREGORY Leland Elias (O)
GROTH Zachary Thomas (S)
GUILLEMAIN Alain (S)
HACKNEY Philip (O)
HAM Sophie (S)
HAMILTON Adam Hugh (S)
HARKNESS Tom Alexander (S)
HARRIS Elizabeth (S)
HAZRAT Roozbeh (O)
HENG Edmund Xian Chen (S)
HENRY Robert Alexander (S)
HOLDEN Matthew H (EC)
HOLMES Mark (O)
HUTCHINGS Daniel Neal (S)
ISAAC Darius (S)
JAYATHILAKE Chathranee Anumitha (S)
JACKSON Adele Stobo (S)
JAMES Sarah Ellen (S)
JANSEN Hermanus Marinus(EC)
JEONG Valerie Jiyun (RR)
JEYNES-SMITH Cailan (S)
JIANG Leo (S)
JOHNSON Nicholas C Alexander (S)
KALYANARAMAN Balaje (S)
KASSIM Saifulbahri (S)
KASZA Jessica (O)
KAUR Amandeep (RR)
KAVIANI Arash (S)
KAVKANI Parsa (S)
KAW Aaron Jordan (S)
KENNETT Antony Samuel (S)
KING Matthew Roger (S)

RIACH Leslie Anne (S)
RICHARDS Kylie-Anne (S)
ROBERTS Timothy Victor (S)
ROJAS PONCE Samuel German (S)
RYDER Jackson Nicholas (S)
SAGRADIAN Martin (S)
SAHS Subhrajyoti (S)
SANDFORD Michael John (S)
SCHMALZ Jelena (O)
SCRIMSHAW Travis Cole (EC)
SHAW-CARMODY Jordan Ambrose (S)
SHEKARABI Nima (S)
SHERRIN Mark (S)
SIMPSON Leonie Ruth (O)
SINGH Hardaya(S)
SIU Timothy (S)
SMITH Dave (O)
SMITH Paul D (S)
SOEWONGSONO Albert Christian (S)
SPENCER Rod (O)
SPRATT Belinda Gaye (EC)
STEPANYANTS Yury (O)
STEWART William Bruce (S)
STREIPERT Sabrina Heike (EC)
STRUMILA Michelle Louise (S)
SUN Yu (EC)
SUTER Aiden Daly (S)
SUTTON Thomas Henry (S)
TAHABUB Ahnaf Tajwar (S)
TALAGALA Priyanga Dilini (S)
TEAGUE Joseph Alex (S)
THORBURN Luke Collin (S)
TIDSWELL Jonathan (S)
TOPAL Turker (S)
TRAN Quoc Duyet (S)
TREDENICK Eloise (S)
TYRRELL Lachlan James (S)
VEKEMANS Ivo De Los Santos (S)
VITTADELLO Sean Trinity (S)
WALES David Harley (S)
WALKER Charles Robert (S)
WATSON Michael Greg (EC)
WEDRICH Paul (EC)
WEILLER Dominic (S)
WILLIAMSON Geordie (O)
WOODS Brett (S)
XIA Binzhou (Sust)
XU Ruijie (S)
YAN Dong (S)
YANG Yaping (O)
YOUNG Marley (S)
YU Tsz Lam (S)
ZHANG Erchuan (S)
ZHANG Jiyuan (S)
ZHAO Liangyi (O)
ZHENG Collin (S)
ZHU Jonathan Julian (RR)

MEMBERS WHO PASSED AWAY: 1
COGILL William

MEMBERS WHO CANCELLED THEIR MEMBERSHIP TOTAL: 34
AMENTA Alexander (S)
CLARKE Stephen R (Ret)
DAL VERME Giulia (S)
DINI Saber (S)
DRAGICEVIC Davor (O)

NAKAZONO Nobutaka (Recip)
NOVAK Joseph (EC)
O CATHAIN Padraig (EC)
PANTELIS Jonathan J (S)
READ Nicholas (S)

FARRELL Simon J (O)
FLETCHER James E (S)
GAO Pu (O)
GHAZANFAR Shila (S)
GILADI Ohad (EC)
GONTAR Amelia S (S)
GRIGORIOUS Cyriac (S)
HAWTIN Daniel R (S)
LI Yuehua (S)
LU Rui-Sheng (S)
LUKYANENKO Inna (EC)
MOFARREH Fatemah (S)

RUNDLE Peter John (O)
SMITH Simon J (O)
TANCREDI Elisa (S)
TEO Mingmei (S)
THOMAS Amelia (S)
TRUONG Tuyen (O)
TSULAIA Mirian (O)
TWITON Michael A (S)
WAINWRIGHT Gil R (O)
WANG Hang (O)
WANG Wanbin (S)
YAN Ada W C (S)

DEEMED RESIGNED MEMBERS TOTAL: 60

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

ADDIE Ronald G (O)
AGRAWAL Manju (O)
AZRAM Mohammad (O)
BALTINOS Nicholas (O)
BANKS William (Recip)
BERDINSKY Dmitry (RR)
BLANKENSHIP Michael (O)
BROWNLOWE Nathan D (O)
CHENOWETH Brett S (EC)
DAVIS Stephen (O)
DOAK Wesley (O)
DRAKE Pat (Edu)
FARBER Boris (Recip)
FLATH Daniel E (Recip)
GHITZA Alexandru (O)
GREEN David A (O)
HAM Nicholas C (EC)
HAMMERLINDL Andy (O)
HOFFMAN Neil R (O)
HOLDER Andrew B (EC)
JONES Owen D (O)
KAMDAR Upendrakumar (O)
KAZAKOV Vladimir (O)
KEANE Therese A (O)
LEE Chul-Hee (EC)
LIM Kwee Hoe (O)
MATTHEWS Miccal T (O)
MCDONNELL Mark D (O)
MCKAY Max H
MENSAH Benjamin (O)

MOGHADDAM Amir (EC)
MOHD SAFUAN Hamizah (EC)
NCUBE Israel (Recip)
OLVER Sheehan (O)
PAGE Michael A (O)
PEIRIS Shelton (O)
PERCY Andrew (O)
POTAPOV Denis (O)
RAS Charl (O)
RATNAYAKE Yasiru (RR)
RODRIGO Marianito (O)
SAMSONOV Igor (O)
SANCHEZ Penny S (RR)
SCHULTZ Lisa J (RR)
SKERMAN Fiona A E (EC)
SPENCER Steven J (O)
STONES Rebecca (O)
STRAKA Peter (EC)
SUMMIT Raymond A (O)
THORNTON Aaron W (O)
TUCK Geoffery (O)
TULARAM Gurudeo (O)
VAN WYK Daniel W (RR)
VARSAVSKY Cristina T (O)
WEBSTER Samuel B G (EC)
WERRY Jason L (EC)
WESTERLAND Craig C (O)
WHEELER Michael A (EC)
WRIGHT Paul (RR)
ZUMALACARREGUI PEREZ Ana (EC)

PHILPOTT Andrew B (A Non-AustMS ANZIAM member only, hence not included in above statistic figure)

DEEMED RESIGNED STUDENT MEMBERS TOTAL :74

ABOLGHASEMI Mahdi
ADEGBOYEGUN Bolujo
AL-DAFFAIE Kadhem Y
AL-GARALLEH Hakim
ARUCHUNAN Elayaraja
AYER Peter J
BAKER Samuel
BELPERIO Jordan
BETTADAPURA Kowshik
BUBB Lachlan D
CARAPETIS Anthony L
CARNAFFAN Sean P
CHAMBERS Mark S
CIROCCO Luigi R
CRAMER Andrew D
CRILLY Jaklyn K
CROMER Michael C
DO Thoan T K

KARAMI Md Jamil H
KHAN Humayoun A
KHAN Muhammad S
KHOR Alexander J
KULARATNE Thilini D
KWOK Eric
LADIGES Daniel R
LIU Chao
LUU Steven
MARITIU Ruxandra
MCGANN Anna
MENG Fanzi
MOEINI Asghar
MOORE William B
MUIR Ellen V
NEUZERLING Murray D
NGUYEN Thong H
OEHMIGARA Chaitanya K

DONNELLY Isaac C	ORMEROD Carl
DYER Tom	PISKUN Andrew F
FAN Zengyan	PITT Jordan P A
FOXCROFT John S H	REZA SM Rajibur
FRENCH Alison M	RIGTERINK Fabian
GANENDRAN Lucia-Marie B	ROSA Kyle S
GEORGE Henry J E	ROSHAN ZAMIR Zahra
GILBERT Alexander D	SCHRADER Philip J
GILL Gurtek	SHIRI Somayeh
GREGORY James P	SPRY Rebecca A
HAM Lucy E	TALBOT James M
HANSON Stephanie A	THEW Johnny D
HARAHAP Mahrita	TONG Rui
HOWARD Beau	TRAN Minh
HUANG Zhenxi	VON WITT William S
IOPPOLO Mark	WALSH Adam
JIA Yurou	WEATHERHOG Sam
JIN Wang	XU Yian
KAMRUZZAMAN Md	YIEW Lucas

NEW ACCREDITATIONS:

The below listed members were included in the previous statistics report and they were:
FROYLAND Gary(FAustMS), LOSADA-PEREZ Julio(MAustMS), LI Ming(MAustMS) & AGUSTIN Micah(GAustMS)

TOTAL ACCREDITATION LIST:

FELLOWS: 149
ACCREDITED: 39
GRADUATE: 15

FINANCIAL MEMBERS OF THE SOCIETY (UP TO 15th Oct 2018):

Membership Type	Year 2018	Year 2017	Change
Ordinary	530	558	-28
Reduced Rate	28	18	10
Student	264	210	54
Retired	89	91	-2
Life	66	62	4
Honorary	27	27	0
Reciprocal	38	31	7
Education	14	10	4
Sustaining	7	5	2
Institutional	2	3	-1
Free	85	74	11
Non-Financial	35	35	0
Early Career	115	95	20
TOTAL:	1300	1219	81
ANZIAM	563	534	29
ANZAMP	202	191	11

Sustaining members: Dr Diamuid J **CROWLEY**, Prof Nalini **JOSHI**, Dr Benjamin E **ODGERS**
Dr Todd A **OLIYNYK**, Dr Ilknur **TULUNAY**, A/Prof Lesley **WARD** & Dr Binzhou **XIA**

As at 15th Oct 2018, 291 members (including the listed 60 deemed resigned members and 74 deemed resigned Student members) have not renewed their 2018 membership.

2. 2018 Subscriptions and Journal Prices to Members

The 61st Annual General Meeting, held at Macquarie University, endorsed the decisions of Council and the Australian Mathematical Publishing Association Incorporated that the subscriptions and journal prices to members for 2018 be as follows:

Ordinary Member – $140	Sustaining Member – $280
Reciprocal Member – $70	Reduced Rate Member – $35
Retired Member – $35	Education Member – $70
EC Member – $70	
Life Membership at Retirement for Members over 55 years – $280	

Subscription for an Institutional Member: $1 863.

Note

1. Existing Ordinary Members who renewed their subscriptions before 31st January 2018 were entitled to a rebate of $5.00, deducted from their payments.

2. Members were permitted to pay for up to three years in advance, at the current rate of membership.

3. 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.

4. 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

5. All new Ordinary Members were entitled to pay their first year's subscription at the concession rate of $70 (no rebate).

	Ordinary, Sustaining, Education & Reciprocal Members	Reduced Rate, Retired Members & Life Members
J. Australian Mathematical Society		
Resident in Australia	$117.70	$58.85
Resident overseas	$107	$53.50
ANZIAM Journal		
Resident in Australia	$101.20	$50.60
Resident overseas	$92	$46
Bulletin		
Resident in Australia	$110	$55
Resident overseas	$100	$50

Gazette
Free to members paying a subscription.

3.   The Australian Mathematical Society Medal

In 2017 the Australian Mathematical Society Medal was awarded to Dr R. Garner and Associate Professor A.M. Licata.

The 2018 AustMS Medal Committee consists of:

Dr C. O'Keefe *(Chair)*;   Professor P.J. Forrester *(Outgoing Chair)*;
Professor A.W. Hassell *(Incoming Chair)*;   Professor S. Lack *(1 year term)*.

4.   The George Szekeres Medal

The George Szekeres Medal is awarded in even years.

The 2018 George Szekeres Medal Committee consists of:

Professor C.E. Praeger *(Chair)*;   Professor T.R. Marchant *(vice Outgoing Chair)*;
Professor R.H. Street *(Incoming Chair)*;   Professor K.A. Landman *(Member, one yr.)*.

5.   The Gavin Brown Prize

In 2017 the Gavin Brown Prize was not awarded.

The 2018 Gavin Brown Prize Committee consists of:

Professor S.O. Warnaar *(Chair)*;   Professor J. Ramagge *(Outgoing Chair)*;
Professor N.F. Smyth *(Incoming Chair)*;   Professor A.H. Welsh *(Member, one yr.)*.

6.   The B.H. Neumann Prize

The 2017 prize was awarded to Michael Hallam (University of Adelaide) for the talk *End-periodic K-homology and positive scalar curvature* and to Adrianne Jenner (University of Sydney) for the talk *Modelling heterogeneity in biology: how do cancer-killing viruses interact with tumour cells?* .

Also special commendations went to:

Becky Armstrong (University of Sydney) and Harry Crimmins (University of New South Wales).

7.   The Mahler Lecturer

The 2017 Mahler Lecturer was Professor Ivan Corwen of Columbia University, whose tour was deferred to 2018.

The 2016-2019 Mahler Lecturer Committee consists of:

Dr A.E. Ghitza *(Chair)*;
Assoc. Prof. M.G. Jackson *(Outgoing Chair)*;
Assoc. Prof. T. Trudgian *(Incoming Chair)*;
Associate Professor V. Ejov *(Vice-President (Ann Conf))*;
Professor I.M. Wanless *(Director 2019 Annual Conference)*.

8.   The Alf van der Poorten Travelling Fellowship

The Alf vn der Poorten Travelling Fellowship is awarded in odd years.

9. Lift-off Fellowships

Australian Mathematical Society Lift-off Fellowships have been awarded in 2017-2018 to

Dr Christopher Taylor (La Trobe University)
Dr Sudeep Stephen (University of Newcastle)
Dr Branko Nikolic (Macquarie University)
Dr Jens Grimm (Monash University)
Dr Alex Cassella (University of Sydney)
Dr Mark Bugden (Australian National University)
Dr Kyle Wright (Australian National University)

The 2017-18 Selection Committee consisted of:
    Assoc. Prof. J. Purcell *(Chair)*;   Professor S.W. McCue *(Incoming Chair)*;
    Professor S.A. Morris *(Outgoing Chair)*.

10. Sixty-third Annual Meeting

The sixty-third Annual Meeting of the Society will be held from Tuesday 3rd December to Friday 6th December 2019 at Monash University with Professor I.M. Wanless as Director.

11. 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)	
Deutsche Mathematiker Vereinigung	Sociedad Matemática Mexicana
Edinburgh Mathematical Society	Société Mathématique de Belgique
European Mathematical Society	Société Mathématique de France
Gesellschaft für Angewandte etc.	Société Mathématique Suisse
Glasgow Mathematical Association	Southeast ASian Mathematical Society
Hong Kong Mathematical Society	Suomen Matemaattinen Yhdistys
Indian Mathematical Society	Svenska Matematikersamfundet
Indonesian Mathematical Society	Islenzka Staerdfraedafelagid
Unión Matemática Argentina	Korean Mathematical Society
Unione Matematica Italiana	London Mathematical Society
Wiskundig Genootschap	Malaysian Mathematical Society
Mathematical Society of Japan	Real Sociedad Matematica Española
Pakistan Mathematical Society	Slovak Mathematical Society
Society for Industrial and Applied Mathematics (SIAM)	
Japanese Society for Industrial and Applied Mathematics (JSIAM)	

12. Council Members for the session 2017/2018

The *elected*[1] Members of Council for this past session, 2017– 2018, were:

President:	K.A. Smith-Miles
President-elect:	J. Ramagge
Elected Vice-President:	M.T.M. Hegland
Secretary:	P.J. Stacey
Treasurer:	A. Howe

Ordinary Members:		
	N.G. Bean (2018)	A. Devillers (2018)
	D. Donovan (2018)	A.P. Bassom (2019)
	J.E. Licata (2019)	A.C.M. Thomas (2019)
	D. Ridout (2020)	D. Stevenson (2020)
	N. Thamwattana (2020)	

The *ex officio* members of Council for the 2017–18 session were:

Vice-President (Chair ANZIAM):	M. McGuinness
Vice-President (Chair ANZAMP):	J.M. Kress
Vice-President (Annual Conferences):	V. Gaitsgory
Incoming Vice-President (Annual Conferences):	V. Ejov
Vice-President (Learning and Teaching):	D.M. Donovan (from September)
AustMS Member elected to Steering Committee:	P.J. Forrester
Representative of ANZIAM:	J. Piantadosi
Representative of ANZAMP:	P. Hekmati
Chair, Standing Committee on Maths Education:	B.I. Loch (to June)
Chair, Equity, Diversity and Inclusion Committee:	N. Joshi (from August)
Public Officer of both AustMS and AMPAI:	P.J. Cossey

Editors:	
Gazette	S.A. Morris/ D.T. Yost
Journal of AustMS	G.A. Willis
ANZIAM Journal	A.P. Bassom/ G. Hocking
Electronic Editor.	A.J. Roberts
Bulletin	J.H. Loxton
Lecture Series	J. Ramagge
Electronic Site	R.R. Moore

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.

Professor T.J. McDougal on being made a Companion of the Order of Australia

Emeritus Professor M.N. Barber on being made an Officer of the Order of Australia

Dr C.J. Hunt on being awarded an Order of Australia Medal

Professor R. Jones on being made a Companion of the Order of Australia

Professor G. Williamson on being elected a Fellow of the Royal Society

Professor K. Mengersen on being elected a Fellow of the Australian Academy of Science

Professor N. Cressie on being elected a Fellow of the Australian Academy of Science

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[1]The Secretary and Treasurer are appointed by Council for each session.

Professor G. Williamson on being elected a Fellow of the Australian Academy of Science

Professor R. Williams on being elected a Corresponding Member of the Australian Academy of Science

Professor N. Joshi on being elected Vice-President of the International Mathematical Union

Professor A. Venkatesh on being awarded a Fields Medal

Professor N. Joshi on winning a Eureka Prize

Associate Professor L. Ward on being elected a Fellow for the Association for Women in Mathematics

Professor R. Downey on winning the 2018 Rutherford Medal

15.   Deaths of members and friends of the Society

It was with great regret that since my last report I informed members of the death of Associate Professor L. Poladian.

16.   Acknowledgements and thanks

I am grateful for the help I have received throughout the year from the President, Kate Smith-Miles, 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 also thank May Truong and the other members of the Society's Business Office for their help throughout the year.

<div align="right">

Peter Stacey

November 2018

</div>

Department of Mathematics and Statistics
La Trobe University
Vic 3086
EMAIL: `secretary@austms.org.au`

AUSTRALIAN MATHEMATICAL SOCIETY INC.

Department of Mathematics
John Dedman Mathematical Sciences Building
AUSTRALIAN NATIONAL UNIVERSITY
ACT 0200 AUSTRALIA

Email: austms.admin@anu.edu.au
Telephone: (02) 6125 8922
Fax: (02) 6125 8923

Treasurer's Report for 1st August 2017 – 31st July 2018

In the past financial year the Society has provided:

$25,492 AMSI annual contribution for 2018
(being $32,492 minus $7,000 contribution from ANZIAM)
$3,832 travel grants for students to attend the 2017 AustMS AGM and AMSSC
$1,200 for B H Neumann prize
$53,780 for 2017 and 2018 AustMS AGM seeding money + plenary speakers
expenses at Macquarie University and University of Adelaide
$23,250 for 6 Lift Off fellowships
$34,013 for 14 Special Interest Meeting
$1,500 for Math Olympiad 2017
$1,500 for Heidelberg Laureate Forum travel grants (half share with AMSI)
$2,993 for 2 attendees to Science Meets Parliament
$19,001 for 11 Cheryl E Praeger Travel Awards
$7,213 STA contributions for 2017 and 2018
$2,000 Journal prizes

Our accounts show that AustMS provided $147,790 in grants, for the financial year.

$33,780 in grant money plus capitation fee of $9,591 was returned from the 2017 AustMS AGM.

Kate Smith-Miles has very generously provided grants of $40,000 for WIMSIG functions, Ann Penfold Street awards, etc..

At the end of December 2017, the JAustMS paid subscription numbers stood at 294, of which 149 institutions paid via their parent consortium. In addition a further 8,410 institutions also got online access via consortia. The total profit to AustMS, for the JAustMS, was £98,294, which is an increase of 14.4% on the previous year.

At the end of December 2017, the Bulletin paid subscription numbers stood at 257, of which 133 institutions paid via their parent consortium. In addition a further 8,425 institutions also got online access via consortia. The total profit to AustMS, for the Bulletin, was £72,632, which is an increase of 15.8% on the previous year.

At the end of December 2017, the ANZIAM J paid subscription numbers stood at

160, of which 98 institutions paid via their parent consortium. In addition a further 8,456 institutions also got online access via consortia. The total profit to AustMS, for the ANZIAM J was £42,187, which is a increase of 10.1% on the previous year.

In 2017, there was a very significant increase in consortia subscriptions for all of our journals.

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

For the period 1st August 2017 – 31st July 2018 the audited financial statements show that our total receipts were $127,441 and the total payout was $187,241 giving an operating loss of ($59,800). The receipts include money collected for ANZIAM, ANZAMP, SIG's 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 $44,801.

This financial year AMPAI made a profit of $156,091. Taking into account the fact that the Society made a loss of ($59,800), we see that the combined profit of the Society and AMPAI, over this financial year, is $96,201.

The Society's income was made up from:

Total subscriptions from Members (including ANZIAM, ANZAMP, SIGs and accreditations)	$112,884
Reimbursements and grants returned	$43,371
Interest income	$12,795
Copyright royalties	$405
Kate Smith-Miles WIMSIG grant	$40,000

The payments were:

Officers expenses	$7,057
Grants (including subventions)	$171,824
Bank, credit card and eway fees	$1,986
Storage of journals	$1,500

Insurance/Indemnity Insurance	$2,977
Postage	$345
Pitman Interest	$37
Computer database (Quadra hosting & Dream host)	$716

Special Interest Groups

ANZIAM (subscriptions $9,555, subvention $11,440)	$20,995
ANZAMP (subscriptions $2,859, subvention $3,967)	$6,826
Applied Probability SIG (subscriptions $352, subvention $788)	$1,140
Mathematics Education SIG (subscriptions $2,206, subvention $5,182 for years 2016, 2017 2018)	$7,388
Math of Computation & Optimization SIG (subscriptions $454, subvention $959)	$1,413
Number Theory Down Under SIG (subscriptions $275, subventions $548)	$823
Australian Algebra Group (subscriptions $513, subvention $1,150)	$1,663
WIMSIG (including 11 Cheryl Praeger travel awards)	$20,112

Total paid up membership at 31st July 2018 was 813 (non-financial members are not included).

	July	July

	2018	2017
Fellows	146	150
Graduate Members	13	15
Accredited Members	35	39
Ordinary Members	494	544
Reduced rate Members	19	30
Student Members	220	185
Early Career Members	97	87
Reciprocal Members	36	30
Education Members	14	10
Non-financial Members (officials from other societies)	35	35
Honorary Members	27	27
Free Members	82	73
Life Members	66	62
Retired Members	87	90
Deceased Members	1	4
Resigned Members	34	18
Deemed Resigned Members	139	110
Student Members	220	185
New Members	187	135

Institutional Member	Mathematical Sciences Institute Australian National University, AMSI
Sustaining Member	**Dr Diarmuid J Crowley** Prof Nalini Joshi Dr Benjamin E Odgers Dr Todd Oliynyk Dr Ilknur Tulinay A/Prof Lesley Ward Dr Binzhou Xia

Divisions and Special Interest Groups

	Financial Members 2018	Student Members 2018	Total 2018	Total 2017
ANZIAM	393	125	518	513

ANZAMP	112	72	184	178
Applied Probability SIG	31	49	80	57
Mathematics Education SIG	73	43	116	110
Mathematics of Computation and Optimization SIG	41	64	105	82
Number Theory Down Under SIG	31	38	69	53
Australia Algebra Group SIG	44	47	91	68
Women in Mathematics SIG (Free to join)	161	69	230	217

Algy Howe
Treasurer
17th October 2018

Australian Mathematical Society

Financial Statements
For the year ended 31 July 2018

Australian Mathematical Society

Contents

Australian Mathematical Society
Committee's Report
For the year ended 31 July 2018

Your committee members submit the financial accounts of the Australian Mathematical Society for the financial year ended 31 July 2018.

Committee Members

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

Kate A Smith-Miles, FAustMS
Algy Howe, FAustMS
Jacqui Ramagge, FAustMS
Trygve Markus Hegland
Peter J Stacey, FAustMS
Nigel G Bean
Alice Devillers
Diane M Donovan
Andrew P Bassom
Joan E Licata
Anne Thomas, MAustMS
David Ridout
Daniel Stevenson
Ngamta Thamwattana
Mark McGuinness
Vladimir Gaitsgory
Birgit I Loch, FAustMS
Vladimir Ejov
Tim M Garoni
Julia Piantadosi
Peter John Cossey
Peter J Forrester, FAustMS
Vladimir V Mangazeev
Sidney A Morris, FAustMS
David T Yost
George A Willis
Andrew P Bassom
Graeme Hocking
Anthony J Roberts
John H Loxton
Ross R Moore

Principal Activities

The principal activities of the association during the financial year were: .

Significant Changes

The accompanying notes form part of these financial statements.

Australian Mathematical Society
Committee's Report
For the year ended 31 July 2018

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

Operating Result

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

	Year ended 31 July 2018	Year ended 31 July 2017
	$	$
	(59,800)	(58,541)

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

_____
Kate A Smith-Miles, FAustMS

_____
Algy Howe, FAustMS

The accompanying notes form part of these financial statements.

Australian Mathematical Society
Income and Expenditure Statement
For the year ended 31 July 2018

	2018 $	2017 $
Income		
Subscriptions	113,762	108,404
Interest received	12,796	20,465
Other income	882	2,623
Total income	127,441	131,492
Expenses		
Officers Expenses	7,057	10,500
Total Grants	147,790	132,597
AMSI expense	25,164	38,335
Bank Fees And Charges	62	30
Commission	1,542	1,992
Fees & charges	382	1,177
Insurance	2,420	1,789
Pitman bequest interest	38	57
Purchase of surplus journals AMPAI	17	39
Postage	354	1,524
Repairs & maintenance	717	900
Storage	1,455	862
Sundry expenses	244	231
Total expenses	187,241	190,033
Profit (loss) from ordinary activities before income tax	**(59,800)**	**(58,541)**
Income tax revenue relating to ordinary activities		
Net profit (loss) attributable to the association	**(59,800)**	**(58,541)**
Total changes in equity of the association	**(59,800)**	**(58,541)**
Opening retained profits	252,021	310,562
Net profit (loss) attributable to the association	(59,800)	(58,541)
Closing retained profits	**192,222**	**252,021**

The accompanying notes form part of these financial statements.

Australian Mathematical Society
Detailed Balance Sheet as at 31 July 2018

	Note	2018 $	2017 $
Current Assets			
Cash Assets			
Cash At Bank - CBA Current A/C		57,336	25,337
CBA Security Investment A/C		29,586	104,147
Term Deposit #2476		479,445	473,613
Term Deposit #2484		224,040	217,514
		790,407	820,611
Receivables			
Accounts Receivable		20,646	15,350
		20,646	15,350
Other			
Prepayments		12,957	12,026
Journals On Hand		47	58
		13,004	12,084
Total Current Assets		**824,057**	**848,045**
Total Assets		**824,057**	**848,045**
Current Liabilities			
Other			
Subscriptions in advance		53,209	54,500
WIMSIG Reserve		37,102	
		90,311	54,500
Total Current Liabilities		**90,311**	**54,500**
Total Liabilities		**90,311**	**54,500**
Net Assets		**733,746**	**793,546**

The accompanying notes form part of these financial statements.

Australian Mathematical Society
Detailed Balance Sheet as at 31 July 2018

	Note	2018 $	2017 $

Members' Funds

Reserves

Net Assets		541,524	541,524
Accumulated surplus (deficit)		192,222	252,021
Total Members' Funds		**733,746**	**793,546**

The accompanying notes form part of these financial statements.

Australian Mathematical Society
Notes to the Financial Statements
For the year ended 31 July 2018

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.

(d) Trade and Other Payables

Trade and other payables represent the liability outstanding at the end of the reporting period for goods and services received by the association during the reporting period, which remain unpaid. The balance is recognised as a current liability with the amounts normally paid within 30 days of recognition of the liability.

Australian Mathematical Society
Statement by Members of the Committee
For the year ended 31 July 2018

In our opinion:

(a) the accompanying financial report as set out on pages [insert page numbers], being a special purpose financial statement, is drawn up so as to present fairly the state of affairs of the Association as at 31 July 2018 and the results of the Association for the year ended on that date;

(b) the accounts of the Association have been properly prepared and are in accordance with the books of account of the Association; and

(c) there are reasonable grounds to believe that the Association will be able to pay its debts as and when they fall due.

We confirm as follows:

(a) The name of each committee member of the association during the relevant financial year were:

Kate A Smith-Miles, FAustMS
Algy Howe, FAustMS
Jacqui Ramagge, FAustMS
Trygve Markus Hegland
Peter J Stacey, FAustMS
Nigel G Bean
Alice Devillers
Diane M Donovan
Andrew P Bassom
Joan E Licata
Anne Thomas, MAustMS
David Ridout
Daniel Stevenson
Ngamta Thamwattana
Mark McGuinness
Vladimir Gaitsgory
Birgit I Loch, FAustMS
Vladimir Ejov
Tim M Garoni
Julia Piantadosi
Peter John Cossey
Peter J Forrester, FAustMS
Vladimir V Mangazeev
Sidney A Morris, FAustMS
David T Yost
George A Willis
Andrew P Bassom
Graeme Hocking
Anthony J Roberts
John H Loxton
Ross R Moore

The accompanying notes form part of these financial statements.

Australian Mathematical Society
Statement by Members of the Committee
For the year ended 31 July 2018

(b) The principal activities of the association during the relevant financial were:

(c) The net loss of the association for the relevant financial year was:

	Year ended 31 July 2018	Year ended 31 July 2017
	$	$
	(59,800)	(58,541)

Signed at:
Signed on:

_____

Kate A Smith-Miles, FAustMS
President

_____

Algy Howe, FAustMS
Treasurer

The accompanying notes form part of these financial statements.

Australian Mathematical Society
Independent Auditor's Report to the Members

Report on the Audit of the Financial Report

Opinion

We have audited the financial report of Australian Mathematical Society (the association), which comprises the Statement by Members of the Committee, Income and Expenditure Statement, Balance Sheet as at 31 July 2018, a summary of significant accounting policies and the certification by members of the committee on the annual statements giving a true and fair view of the financial position and performance of the association.

In our opinion, the accompanying financial report presents fairly, in all material respects, the financial position of the association as at 31 July 2018 and [of] its financial performance for the year then ended in accordance with the accounting policies described in Note 1 to the financial statements and the requirements of the Associations Incorporation Act 1991.

Basis for Opinion

We conducted our audit in accordance with Australian Auditing Standards. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Report section of our report. We are independent of the association in accordance with the ethical requirements of the Accounting Professional and Ethical Standards Board's APES 110 Code of Ethics for Professional Accountants (the Code) that are relevant to our audit of the financial report in Australia. We have also fulfilled our ethical responsibilities in accordance with the Code.

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

Emphasis of Matter – Basis of Accounting

We draw attention to Note 1 to the financial report, which describes the basis of accounting. The financial report has been prepared to assist the association to meet the requirements of Associations Incorporation Act 1991. As a result, the financial report may not be suitable for another purpose. Our opinion is not modified in respect of this matter.

Responsibilities of the Committee for the Financial Report

The committee is responsible for the preparation and fair presentation of the financial report in accordance with the financial reporting requirements of the Associations Incorporation Act 1991 and for such internal control as the committee determines is necessary to enable the preparation and fair presentation of a financial report that is free from material misstatement, whether due to fraud or error.

In preparing the financial report, the committee is responsible for assessing the association's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the committee either intends to liquidate the association or to cease operations, or has no realistic alternative but to do so.

Australian Mathematical Society
Independent Auditor's Report to the Members

Auditor's Responsibilities for the Audit of the Financial Report

Our objectives are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the Australian Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of this financial report.

As part of an audit in accordance with Australian Auditing Standards, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit 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.

- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the committee.

- Conclude on the appropriateness of the committee's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the association's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial report or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the association to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial report, including the disclosures, and whether the financial report represents the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the committee regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Signed on 3 October, 2018:

_____

James Daniels, CPA
Federation Tax & Accounting
116 Crawford Street Queanbeyan NSW 2620

2017–2018 EDITORS' REPORT to COUNCIL

(Prepared with the assistance of JD Borwein)

Summary: The Journal is in such a sound position that issues are appearing in hard copy on schedule, there is a sufficient supply of accepted articles to fill over 8 standard size issues, and the median time for online presence is 12 months.

I. Editorial arrangements

George Willis (University of Newcastle) has been Editor since July 2012. He will step down as editor at the end of 2018. This report covers the period of July 2017 up to 1 November 2018. The editorial team has been altered during the reporting year and is now as follows:

B. Alspach	F. Cirstea	F. Larusson	M. K. Murray
L. M. Batten	J. East	B. Martin	I. E. Shparlinski
D. Chan	M. Giudici	J. McCoy	A. Sims
L. O. Clark	A. Henderson	C. Meaney	V. T. Stefanov
M. Coons	V. Jeyakuma	W. Moors	T. Tao

A commemorative volume for Jonathan Borwein is well on the way and six articles are presently at the Production level. Brailey Sims is chairing the Editorial Committee.

Cambridge University Press continues to do a very good job of production and distribution of the Journal. Cambridge University Press manages the publishing in the UK, and Sunrise Setting of Devon handles the typesetting. Printing is done in the United Kingdom at Bell & Bain Ltd., Glasgow. The quality of the product, we think, is excellent.

ScholarOne Manuscripts

The Editor of the Journal of the Australian Mathematical Society was authorised to adopt the online editorial system ScholarOne Manuscripts for an initial period of three years, on the understanding that any continuation beyond three years would be subject to a review. The initial period is now over and the Editor and Editorial Assistant both believe that the cost of ScholarOne is fully justified by its benefits.

The tracking of articles is made easier by the online system, which saves considerable time for the Editor, Associate Editors and the Editorial Assistant. ScholarOne automatically assigns version numbers to all submissions and keeps a record of all transactions carried out within the system between authors, the

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editors and assistant and referees. Late reports or delays in handling of papers are more easily monitored and reminders sent. When needed, the complete history of a submission is available to the Editor. Unlike the past, it is not necessary for the Journal, Editors or the Assistant Editor to maintain their own record systems.

There have been occasional glitches. They have not caused any major concern and support from ScholarOne has always been available to deal with them.

Most authors submit articles successfully but a few have needed help from the Editorial Assistant. Authors can, and many do, monitor the progress of their paper. Most referees are also able to submit their reports directly to ScholarOne without assistance, although some send their reports to the Associate Editor to be entered into the system for them. ScholarOne is now used by a number of other journals and is thus becoming more familiar to the mathematical community. As it does so, the number of authors and referees needing assistance can be expected to decline.

The Editor and the Editorial Assistant recommend that ScholarOne continue to be used to manage the Journal.

II. General comments

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

(a) All those involved in the process of producing the Journal deserve our thanks for furthering the dissemination of mathematics. Without their assistance, with 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 that come into their hands.

(b) The Editor culls the submissions each week. In the period from 1 September 2017 to 1 November 2018, out of 294 papers received, the number rejected without refereeing was 106, or 36.1%. 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. Since 1 September 2017, the remaining submissions have gone to an Associate Editor and of these 38 have been accepted for publication: yielding a 12.9% current acceptance rate for submissions. The submitted papers came from 57 countries and the countries with most manuscripts accepted are USA (8), Australia (5), China (5).

(c) The 2017–18 *Impact Factor* for the Journal is .744, an increase over the 2016 IF that was .656, and the 2015 of .443. The increase in IF is due to citations. In other words the Impact Factor is calculated by dividing the number of citations in the year by the total number of articles published in the two previous years. An Impact Factor of 1.0 means that, on average, the articles published one or two years ago have been cited one time. The five year IF is .591.

2

(d) Our *Mathematical Citation Quotient*, measuring citations in Mathematical Journals, is .57 which represents a 16.3% on last year's MCQ of .49.

(e) In 2017, out of 90 recently published articles there were 67 citations. The Mathematical Citation Quotient compares the number of matched references to papers in a journal, in a selected publication year, to all of the reference list journals, wherein references are within the previous five-year span. It also provides the total number of papers indexed in a given journal over the same five-year span. "The MCQ is the quotient, with the number of citations in the numerator and the number of papers in the denominator."

III. Open Access Issues

We have had our first open access articles this year. The authors involved pay the journal a fee and send in an Open Access document in lieu of the copyright. This will become ore common as the European Union is making it obligatory.

Please check out the public position of Cambridge at www.cambridge.org/services.open-access-policies/social-sharing

IV. General publication data

The Journal continues to be published in three issues per volume with two volumes per year. Normally there are 144 pages per issue plus 2 index pages in each volume. The current statistics cover July 2017 through December 2018 or Volume 103(1) to Volume 105(3). We could if needed expand any given issue.

V. Backlog

The backlog of accepted papers waiting to be processed for publication by Cambridge University Press will fill over 8 issues. We have had to be more stringent in our acceptance of papers as we have a backlog of 163 papers waiting for publication.

VI. Mean publication delay:

Vol. & Issue by #	Month Journal is in Hard Copy	Mean: Submission → Print	Mean: Submission → Accept	Mean: Accept → Online	Mean: Accept → Print
103:1	August 2017	21	7.8	3	12.9
103:2	October 2017	19.8	5.5	5.8	14.5
103:3	December 2017	26	11.5	4.3	13
104:1	February 2018	26.6	12	4	14
104:2	April 2018	24.5	10.7	4.6	14.3
104:3	June 2018	20.6	7.3	5.4	13
105:1	August 2018	17.9	5.9	7.3	15.1
105:2	October 2018	23.2	10.2	6.8	13.2
105:3	December 2018	20.3	6.8	7.3	14.1
Vol. & Issue by #	Month Journal is in Hard Copy	Median: Submission → Print	Median: Submission → Accept	Median: Accept → Online	Median: Accept → Print
103:1	August 2017	21	6	4	14
103:2	October 2017	18	7	5	14
103:3	December 2017	27	13	3	15
104:1	February 2018	23	10	5	14
104:2	April 2018	22	11	3	13
104:3	June 2018	23	9	4	13
105:1	August 2018	15	7	4	14
105:2	October 2018	25	9	8	12
105:3	December 2018	22	7	7	14

VII. Online access of the Journal

From July 2017 through October 2018 the Journal has had 13,646 accesses. There is a new accounting method used by Cambridge that amalgamates all views.

VIII. Present status of papers submitted to JAustMS

In the period from 1 September 2017 to 1 November 2018 out of **294** papers received, the number rejected without refereeing was **106**, **83** were rejected by the Associate Editors, **62** are currently under review, **5** were withdrawn, and **38** were accepted. These papers came from **57** countries. The nationality of authors representing the most published papers are in order: *USA (8), Japan (3), Australia(5), China (5), France (4), and Germany (4).*

4

Countries Represented by Authors	Rejections No Referee	Rejections with Referee	Accepted or Published	In Review
Argentina			1	
Australia	5	2	5	7
Austria				1
Bangladesh	1			
Belgium	1		1	
Brazil	2	1	1	6
Bulgaria	1			
Canada	1	4	3	
China	31	15	5	12
Denmark				1
Egypt	7	1		1
Ecuador	1			
The Faroe Islands				1
Finland	1		1	1
France	1	1	4	3
Germany		1	4	
Greece	2		1	
Hong Kong				1
Hungary	1			
India	18	6	3	7
Indonesia	2			
Iran	10	5	2	4
Iraq	1			
Italy	4	1		2
Japan	3	3	1	3
Jordan	2			
Korea	1	2		
Kuwait	1			
Montenegro	1			
Morocco	2	1		
Nepal	1			
Netherlands		1		1
New Zealand			1	
Nigeria	3			
Pakistan	2			
Poland	4	1	2	1
Portugal		1		1

5

Countries Represented by Authors	Rejections No Referee	Rejections with Referee	Accepted or Published	In Review
Romania	2			
Russian Federation	1			1
Saudi Arabia	7			1
Scotland			1	
Serbia	1			
Singapore				1
Slovakia				1
Slovenia			1	
South Africa	2	1		
Spain			2	2
Sweden	1			
Taiwan		1		1
Thailand	3	1		1
Tunisia	1			
Turkey	6	1		1
United Arab Emirates				1
United Kingdom	3	1	1	2
USA	11	3	8	5
Vietnam	1	1		
Zimbabwe	1			

	Accepted	Rejected	Withdrawn	Received	% Accepted %
Total 07-08	37	167	1	272	13.6%
Total 08-09	22	242	2	323	6.8%
Total 09-10	40	189	2	231	17.3%
Total 10-11	44	164	1	211	20.8%
Total 12-13	101	257	3	358	28%
Total13-14	42	180	1	278	15%
Total14-15	53	189	8	258	20.5%
Total15-16	32	221	8	282	11%
Total 16-17	35	243	4	334	10.5%
Total 17-18	38	168	5	294	12.9%

6

Report on ANZIAM journal – Aust. MS. 2018

The ANZIAM journal continues to run well and is currently up to date. Unfortunately there was some drop in our impact factor over this year. The impact factor has dropped from 0.9, ranked 130 out of 255 of journals in applied mathematics (Clarivate Analytics) for 2016 to 0.554, ranked 222 out of 252 for 2017/2018. One reason for this is the increase in published papers, i.e. an increase in the numerator. The 5-year impact factor has also dropped to 0.8. We continue to monitor this, but are very hopeful that these numbers will improve with the publication of the special issue on Mathematical Biology and a nice review article by Trefethen.

The reach of the journal has increased from 2,534 consortia customers in 2016 to 8,456 consortia customers in 2017. The reason for this is due to changes in the CUP aid and donation schemes. There has been a slight decrease in traditional subscriptions, but overall the journal has held up well.

In the year 2017 there were around 160 submissions to the e- and paper journal of which 50 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) or are yet to complete the review process. Of those reviewed, around 20% were accepted. Average review times were about 125 days and time to publication averaged just under one year – although many were published online before that date. Numbers for 2018 are still preliminary and many submitted papers are still in review, but there seems to be an improvement in these numbers across the board, with shorter turnaround times and a slightly higher acceptance rate.

The series of papers by the ANZIAM medallists has slowed due to a tardy response by the medallists. However, we have just commissioned a "virtual special issue" of the ANZIAM Medallist papers that will appear on the CUP web page and it is hoped this will generate further interest. In addition, this year we are considering the articles over the last 6 years for the Neumann-Room-Mahony Prize. This will be announced at the AustMS conference in December (or the ANZIAM Conference in February), with a short list and some advertising to lead up to this event. We continue to follow up on this as we feel this to be an important function of the journal to advertise the high quality of work in Australian Applied Mathematics, and also to raise the impact of the journal.

A special issue in Mathematical Biology, led by Ed Green from the University of Adelaide, has appeared and contains with some high quality articles that we hope will improve the take-up of the journal.

This year we are pleased to welcome Yvonne Stokes (Adelaide University), Amie Albrecht (UniSA) and Mary Myerscough (Sydney) to the editorial board. After many years of high quality service, Kok Lay Teo (Curtin University) has resigned from the editorial board and we thank him for his excellent service.

Our relationship with CUP continues to be strong. Kathleen Too has been filling in for Samira Ceccarelli in her position of overseeing the ANZIAM Journal. CUP has introduced a new platform this year. This seems to be running smoothly so far. CUP continue to provide marketing support for the journals and keep us up to date with progress in the journal usage. A visit to the ANZIAM journal web page on Cambridge Core is worthwhile. The page is professional and contains links to various AustMS sites and the Facebook page with conference information.

We would also like to express our thanks to the Associate Editors, the Copy-editors, CUP and all of the reviewers who have contributed this year. In particular, Nandita Rath should be singled out for her excellent work that has again allowed the journal to run smoothly.

Andrew Bassom and Graeme Hocking
Co-Editors (ANZIAM Journal)
23 October, 2018

***BULLETIN* OF THE AUSTRALIAN MATHEMATICAL SOCIETY**

ANNUAL REPORT, 2018

This report covers the period from 1 October 2017 to 30 September 2018.

All editorial work for the Bulletin is handled electronically. Papers are received through the Open Journal System (OJS). Subsequent emailing between authors, Sunrise Setting Ltd (typesetters for Cambridge University Press) and me and Brian Ackerman, Editorial Assistant, is mostly carried out using the Bulletin's Gmail account, editor@bulletin.austms.org.au. Files are maintained using Dropbox cloud storage. Brian's support is invaluable in maintaining all the folders stored on Dropbox, tracking papers through the system (including reminding me of tardy referees and authors) and updating 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. This too is handled electronically, with scanned signed agreements received as pdf files. All this works reliably and almost seamlessly.

The editorial work of the Bulletin is assisted in a major way by the advice of the panel of 20 associate editors and others who are called on to referee papers. The current associate editors are: Bob Anderssen, John Cossey, Brian Davey, Andrew Francis, Jane Gao, Joseph Grotowski, George Ivanov, Owen Jones, Gus Lehrer, Richard Loy, Kevin McAvaney, Michael Murray, Patrick Tuen Wai Ng, James Parkinson, Hyam Rubinstein, Jamie Simpson, Aidan Sims, Brailey Sims, Don Taylor and Timothy Trudgian.

	1 June 2014 – 30 May 2015		1 June 2015 – 30 May 2016		1 June 2016 – 30 Sep 2016		1 Oct 2016 – 30 Sep 2017		1 Oct 2017 – 30 Sep 2018	
	No	%	No	%	No	%	No	%	No	%
Total submissions	781		802		271		761		782	
Declines	479	61.3	516	64.3	183	67.5	509	66.9	521	66.6
Withdrawn	12	1.5	14	1.8	4	1.5	6	0.8	3	0.4
Rejected	170	21.8	143	17.8	34	12.6	128	16.8	100	12.8
Accepted	139	17.8	125	15.6	47	17.3	127	16.7	139	17.8
Resubmitted	0	0	0	0	0	0	0	0	0	0
Being refereed	23	2.9	21	2.6	33		10	1.3	33	4.2

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

Table 1 shows the inflow of papers has receded a little from the peak of 802 papers per year in 2015/6. The proportion of papers declined has remained steady at 66.6%. These papers are returned to authors following an initial culling by the Editor and with the suggestion that they be sent to another journal. The acceptance and rejection rates also seem stable. Previous editors have suggested that we should aim to reach a steady state of having sufficient papers in the system for just two future issues at any time. We currently have material for around 3 ½ issues in the system which is consistent with an 8 month waiting time from receipt of a paper to its publication in an issue of the Bulletin. Papers are only accepted where referees rate them above average, or provide a strong endorsement. The impact factor hovers around 0.5 (0.483 in 2013, 0.536 in 2014, 0.566 in 2015, 0.548 in 2016 and 0.482 in 2017).

The Bulletin publishes two volumes a year, with each volume consisting of three issues, each of 176 pages. In 2017/8, the Bulletin published volume 96 with 56 research articles and 6 PhD abstracts and volume 97 with 62 research articles and 9 PhD abstracts. For each paper, the Bulletin now includes the date of acceptance, the date of receipt and the date of publication online. These have been used to calculate the processing times shown in Table 2 for the papers

published in 2016 (volumes 93 and 94, 106 papers, 32 abstracts) and 2017 (volumes 95 and 96, 109 papers, 20 abstracts).

	Published 2016 (Volumes 93, 94)				Published 2017 (Volumes 95, 96)			
	R to A	A to O	O to P	R to P	R to A	A to O	O to P	R to P
Median time (months)	0.5	3.0		8.5	0.6	3.0		8.1
Mean time (months)	1.0	3.3	4.7	9.0	1.1	3.0	4.1	8.1

Table 2: Lag times (R = receipt, A = acceptance, O = online publication, P = paper publication)

The refereeing times in column 'R to A' in fact range from one day to nearly 9 months. The average time from receipt of a paper to publication online of 4 months seems to be the equal best performance with 2 other journals (according to the Backlog of Mathematical Research Journals, *Notices of the American Mathematical Society* **64**(10) (2016), 1184-1189). The average time to publication in paper of around 9 months ranks equal 8th out of 163 journals listed in the *Notices*. This is consistent with the original aim of the Bulletin for rapid processing of papers.

Region	Jun 2014 – May 2015			Jun 2015 – Sep 2016			Oct6– Sep 2017			Oct 2017– Sep 2018		
	Rec	Acc	%	Rec	Acc	%	Rec	Acc	%	Rec	Acc	%
Australasia	14	6	42.9	19	13	68.4	14	6	42.9	21	9	42.9
PhD Abstract	19	20		40	39		20	19		20	18	
Oceania	0			0			0					
Asia	391	52	13.3	501	57	11.4	375	40	10.7	370	50	13.5
Middle East	129	9	7.0	205	11	5.4	129	5	3.9	128	6	4.7
Europe	135	38	28.1	176	32	18.2	119	36	30.3	123	34	27.6
Africa	42	4	9.5	55	4	7.3	39	2	5.1	52	2	3.8
Americas	51	10	19.6	77	16	20.8	64	19	29.7	68	20	39.4
TOTALS	781	139	17.8	1073	172	16.0	760	127	16.7	782	139	17.8

Table 3: Acceptance data by region, 2014–2018

Table 3 contains acceptance data by region. Note that the percentages of papers accepted to those received reflect the fact that papers accepted may in fact have been received in the preceding year. So the percentages are a guide only.

The number of PhD abstracts peaked at 16 in volumes 94 and 95 and slipped back to 6 in volume 96 and 9 in volume 97. The Council of the NZ Mathematical Society has agreed to invite NZ graduates to send their PhD abstracts to the Bulletin. Communication with PhD graduates remains a hurdle. I contact the supervisors when the success of their students is reported in the Gazette. Around a quarter of those contacted rapidly lead to successful submissions. I thank the supervisors for passing on my requests.

The Bulletin began to offer the Open Access option for copyright transfer from 1 June 2015. This gives immediate open access to the paper under a Creative Commons license for an upfront fee of $US630. The open access option was accepted for 2 papers in 2017 and 2 in 2018.

I thank Brian Ackerman for his patience and attention to detail with everything connected to the Bulletin, the associate editors and all the referees for their expert assessments of papers, the staff at Cambridge University Press for maintaining the Bulletin style and production, and the Executive and Officers of the Society for their support and encouragement.

John Loxton
Editor
18 October 2018

Gazette Annual Report 2018

Sid Morris and David Yost are well into their sixth year as joint Editors of the Gazette of the Australian Mathematical Society, ably supported by the long serving and highly professional Production Editor, Eileen Dallwitz.

Of the 29 issues produced since we took over, 27 have appeared online and been sent to the printer within the month for which they were intended. There is no backlog, and we have no concerns about this for the foreseeable future.

1. Publication Arrangements

The Gazette is published five times per year, in March, May, July, September and November. An electronic copy of each issue is freely available online, while institutional subscribers receive a printed copy. Fee-paying members also receive a printed copy, at no extra charge, if they indicate this preference at their membership renewal. A small but significant number of members, mostly retired, still rely on receiving a printed copy in a timely manner. The print run is currently 400, the same as last year.

Appropriate technology for us to process manuscripts means receiving files by email, in Word or LaTeX format, posting them to Dropbox cloud storage, where all three members of the editorial team have easy access, even while travelling. Organisation of the folders stored on Dropbox makes it easy to track papers through the system. Copyright transfer agreements are handled electronically, via standardised email forms sent to the authors. The volume of material being handled does not justify the adoption of an online submission system. Material is published online in pdf format.

One significant change this year is that we no longer put a Table of Contents online, nor do we offer readers the option to download individual articles. By modern standards the file of an entire issue of the Gazette is quite small, and so can be downloaded quickly and inexpensively.

2. Content

The Gazette receives enough material to maintain 5 issues per year of up to 80 pages.

• The newest section, *Talking Teaching*, began in the July 2017 issue and has now appeared seven times, with contributions from Birgit Loch, Sid Morris, Diane Donovan and David Yost. It is edited by Birgit Loch and Sid Morris, and

addresses contemporary teaching and learning issues in university mathematics. These articles complement our longstanding but irregular section *Classroom Notes*, which publishes longer, generally unsolicited, articles about teaching experiences.

• The *Puzzle Corner* has for almost two years been written by expatriate Australian Peter Higgins of the University of Essex. It is going well, albeit with a format somewhat different from earlier years (2007 to 2015); there is now just a single puzzle, and no prizes are offered for submitted solutions.

• *Regular communications* from the President, the Secretary, and the AMSI and MATRIX Directors appear in each issue. The National Committee for the Mathematical Sciences also contributes regularly. In addition, we have in the last two years published reports from the Australian Algebra Group, the Women in Mathematics Special Interest Group, ANZAMP and ANZIAM. Other Divisions as well as Special Interest Groups of AustMS have an open invitation to contribute updates as they see fit. These Columns collectively keep members informed about a range of developments.

• The *General News* focusses on developments in individual departments (including upcoming visitors), and also lists conferences to take place in Australia or otherwise of interest to Society members.

• The number of *unsolicited technical and general interest articles* appearing in the Gazette remains small, although we remain open, in principle, to publishing any which are well written and of widespread interest. In the last year we have published short articles on mathematical typesetting, Asperger's syndrome, performance metrics and applications of mathematics to surfing.

• *Solicited technical articles* include reports by *Lift-off Fellows,* and by *winners of Student Prizes* at Society meetings. These continue to be published at a slow and steady rate. The rate of take-up recently has been disappointing.

• The Gazette occasionally publishes *invited technical papers*, when the editors consider that non-specialists would appreciate an update on recent developments in a particular subject area. We have published no such articles in the last year.

• The Gazette performs an important task for members by publicising *honours and awards won*. These include National Teaching Awards, Academy of Science Elections, Australia Day Honours and of course the Society's own medals. Depending on time constraints, these may be simple announcements, or short articles with extended background details.

• An unhappy but important task is to record the passing of Australian mathematicians. These appear in the News section, with longer *obituaries* in

some cases. Since our last report, the Gazette has published obituaries of Jonathan Borwein, Malcolm Hood, Alwyn Horadam, Roger Webb and Thomas Horner.

• The Gazette publishes annually a number of *reports from conferences* funded or organised by the Society or AMSI. With an ever increasing number of such conferences, we do not attempt to publish a report from every one.

• We publish the annual statistics collected by Peter Johnston on Honours and Higher Degree completions.

• The Gazette welcomes *book reviews* written by Society members, although only five have appeared since our last report to Council. This is lower than historical levels, largely due to the reduced generosity of publishers, who now send us fewer unsolicited hard copies of books for review. Instead, we receive frequent offers of electronic copies, subject to us identifying a suitable reviewer. The offer of an electronic copy is less attractive to most reviewers.

• We continue the 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.

3. Other

• The Australian Mathematical Society has a Facebook page with Sid Morris as the Administrator. Over the last year this Facebook page has had many more posts than previous years with announcements of conferences and mathematical developments in Australia and internationally. The reach of this page has continued to grow; posts reach about one thousand people.

Sid Morris and David Yost, Editors
November 2018

Annual Report of Electronic Editor

Prof Tony Roberts

November 16, 2018

- OJS continues to serve article management for ANZIAM, the Bulletin, and some AustMS Awards. Currently we have over 13,700 submissions, rejections and publications tracked in the OJS database.

  Planned to upgrade to OJS version 3.0, early in 2017, again in 2018; however, Hank was otherwise busy, and this year I was, so now plan sometime in the next year.

- Electronic Supplement is encouraging `biblatex` and `cleveref`, as well as `pgfplots`.

- Electronic supplement continues to publish articles for EMAC, CTAC, MISG, general e-articles, and has added MINZ and ANZPAMS.

- Any publications of the society can now have DOI—ask me.

- No progress on *Original Software Publication*.

- `Captcha` is failing to stop fake registrations: roughly 40 per week; they should be auto-deleted after two weeks.

Web-editor's Report to the AustMS Council

Ross Moore

November 7, 2018

This report describes some of the activities which have been taking place, involving the AustMS Wiki-based website, during late 2017 and 2018. 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 a number of 'Jobs' advertisements, have all been produced as the relevant information has become known and available. In all, 56 events are listed in the calendar during the year 2018, with another 11 already listed for 2019. This is down a little on previous years, perhaps due to:

- the drop in events being broadcast/shared via the "Access Grid" (ACE network);
- many AMSI events are not being notified much in advance;
- some regular events held at Newcastle, Monash, Adelaide are no longer being advertised.

This year there have (thankfully ?) been very few obituary notices to post in the 'News' section. Along with announcements from the AUSTMS-LIST list server, there have been 26 articles so far during 2018, including regular postings such as announcing a Gazette issue, and 'Call for Interest' announcements from 'MATRIχ'.

Citations and photos have been added to most 2017 and 2018 Lift-Off Fellowship awardees; though some are still incomplete. Lists of Fellows and other prize-winners are updated, when new information becomes available, and email forwarding is adjusted as the composition of Committees change.

***A. mimecast — overly aggressive SPAM-prevention email filtering** Several universities have adopted software called mimecast to handle suspected SPAM-filtering of al in-coming emails. (As well as rejecting emails deemed 'suspect' it also alters parts of the content of incoming emails, in particular the URLs of embedded hyperlinks. But this action is not the one of concern here.) Issues arise in connection with email-forwarding from austms.org.au addresses, such as for president, secretary, etc. and the various committees. For these, an email being forwarded to an address controlled by mimecast, will be rejected when the sender is from the same institution; for example, we found that email from an academic from unisa.edu.au would not be delivered to Amie Albrecht, forwarded from TeachingAwards@austms.org.au.

Similarly, testing forwarding to myself ross.moore@mq.edu.au messages would be intercepted by mimecast as used at Macquarie University. I suspect that the same has been happening at La Trobe University, when forwarding to secretary@austms.org.au. Since the messages from mimecast are sent to the original poster, rather than to the receiving address, it is hard to know how prevalent is the issue. This requires AustMS members receiving such messages to be aware of the issue, and to report it to us, via a Feedback form say. But even knowing the extent of the issue does not give an easy way to address the problem. A kind of 'white-listing' must be installed at the mimecast level, which is not the same as white-listing in usual email clients. This can only be done by the IT admin at the affected institutions, after they have been convinced of the actual need to do this. Even then, IT may only whitelist emails from the one email forwarder, so that others will still be subject to the same issues when sending to other forwarders.

Clearly I have been through this experience with IT at Macquarie University, so have available a description of the issue that was used to convince our IT guys of the severity of this issue. All

Society members — at least those whose institutions make use of mimecast — should be aware of the potential disruption this can cause. If the problem is recognised, then I can supply this description either to those affected, or copied directly to their IT staff.

*B.   Publicity for the Mahler Lecture Tour 2018 — lack thereof, or delayed.   Because each talk given for the AMSI–Mahler lecture tour takes place on a different day, at different institutions, at varying times and in different capital cities, it is natural that each talk requires a separate Calendar entry. However, there should also be a separate page — as a 'News' item, or similar — that links to each of these entries, and contains common information such as speaker biography and photo, as well as all talk abstracts. Whereas each Calendar entry requires the times and locations of the talk, as well as any local arrangements (refreshments, supper, parking info. etc) it makes little sense for such details to be present in the 'News' item, provided there are easy 1-click links to the individual talks. It is also good to have clickable logo-links to where further information, such as local advertising provided by the hosting institution, sometimes attendance registration, and other advertising of sponsor sites; e.g. linking to AMSI's events site. That is the way that I've always handled the advertising on our 'Events' calendar entries for lecture tours in the past. With 10–11 talk entries over 2–3 weeks, all to appear in a consistent and clear manner for different views, properly linked to a main page as well as various external sites, is quite a lot of work to prepare. Ideally this will be spread over perhaps 1–2 months, prior to when the talks actually occur, with minor adjustments closer to the dates.

This year it worked out a little differently, making the whole process much more stressful than it should be. The schedule was not finalised until less than 4 weeks prior to when the 1st talk was due to be given, and it was more than another week before talk titles, times, locations, etc. were made known. Even this was not complete, and another talk was subsequently added.

Whilst in the middle of preparing and linking the Calendar pages we finally heard from AMSI, saying that they were not going to produce separate advertising information. Instead they would link to the 'News' page that I'd prepared, as the primary source of information for the AMSI–Mahler lecture tour! Not only was this a complete turn-about from how things had been done previously, but AMSI also started to complain about how the information was being presented, quoting 'AMSI social media perspective' as a reason for wanting things done differently — in particular, having all the details of times & rooms on that same page. The message arrived while I was still working on several of the Calendar entries, so not all the links to these were in place, as the entries themselves were not yet available. Also AMSI complained about inclusion of a logo used previously, combining both the logos of AustMS and AMSI, as the primary indicator of sponsors for the lecture tour. That combined logo was deemed unsuitable, and I was directed to https://amsi.org.au/amsi-logo-and-brand-guide/.

Tensions were growing; it took some intervention from Kate to smooth things over.
The AMSI brand guide at least gave new high-resolution logos, which were adopted; but this also forced creation of new high-resolution versions of the AustMS logo, indicating the city locations where events take place. These high-res logos will now be used, as appropriate, on all future Calendar entries when no other logo is appropriate.

What can be learnt from this? Organising a set of talks such as a lecture tour is not a small task. Many people are involved; in principle we are all working towards the common aim of having a successful lecture tour. Arrangements cannot always be finalised quickly; but just having an agreement on when and where things are to happen is not enough. Details must be conveyed to those who are to broadcast the information. Information should be passed on as soon as possible, even if not yet complete. Delaying can lead to a back-log which places pressure on the next person(s) along the chain.

2

*C. **T_EXLive installed, for use with John Banks' Register system.** Only at the video-conference concerning the needs of any future change to the website software, and possible changes of hosting, was I made aware that John Banks' Register conferencing system was in need of a new home. Perhaps the biggest requirement for this is a fully installed and working T_EXLive installation, to handle the on-the-fly typesetting of submitted abstracts. Following the video-conference, I set about performing such an installation, which is not a small task. Indeed a first few attempts to install the complete T_EXLive failed, due to over-loading system resources on the web-site.

More successful was installing initially a lesser amount than a full install. Then later pieces were added to bring the installation up to the full requirements of what we should need. John Banks has since been able to do some testing of scripts to test whether all tasks can be performed. It is planned to bring across a full implementation of his Register system, to be prepared to handle significant events in 2019.

Ross Moore
web-editor for AustMS

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AUSTRALIAN MATHEMATICAL SOCIETY
LECTURE SERIES

Report to Council 2018

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1. Editorial Board

Professor Jacqui Ramagge	Editor-in-Chief, University of Sydney
Professor Cheryl Praeger	University of Western Australia
Professor Gary Froyland	University of New South Wales
Professor Michael Murray	University of Adelaide

I thank the Editorial Board for all their hard work. They have personally and proactively sourced submissions. Thanks also to Roger Astley at Cambridge University Press for his patience and professionalism.

As always we are very happy to discuss ideas for new lecture series volumes, and encourage submissions.

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

(a) Volume 27 by Walter van Assche entitled 'Orthogonal polynomials and Painlevé equations' appeared at the very end of last year (print version 28 December 2017).

(b) We have three other submissions under consideration at various stages of the submission process.

We enthusiastically welcome further submissions. All editors 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 27 books published to date. The most recent volumes were:

No. 27. *Orthogonal polynomials and Painlevé equations*
Walter van Assche
Published December 2017

<div align="right">

Professor Jacqui Ramagge
1 December 2018

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ANZIAM Report
to the Australian Mathematical Society

Mark McGuinness, Chair

Nov 2018

Officers of ANZIAM

Mark McGuinness, Chair
Mary Myerscough, Deputy Chair
Julia Piantadosi, Secretary
Peter Johnston, Treasurer

2018 ANZIAM Conference

The 2018 ANZIAM Conference and Dinner were held on 4–8 February in the Hotel Grand Chancellor, Hobart, Tasmania. Professor Larry Forbes was the Director, assisted by a very friendly and efficient team from the University of Tasmania. The seven invited speakers included Alys Clark, the 2017 J.H. Michell Medallist, and Kate Smith-Miles, the 2017 E.O. Tuck Medallist.

The ANZIAM Student Support Scheme assisted 27 students to attend. Total attendance was in excess of 230, and 74 student talks were considered for the T.M. Cherry Prize. The Women in Mathematical Sciences lunch was well-attended, with a number of supporters engaging in group discussions. This event was supported by ANZIAM, the Women in Mathematics Special Interest Group (WIMSIG) of the AustMS, and the Australian Research Council through Nalini Joshi's Georgina Sweet Australian Laureate Fellowship. The Mathematical Biology Special Interest Group Workshop was held on 9 February.

The 2018 AMSI-ANZIAM Early-Career Workshop was held in Hobart on 3–4 February, immediately before ANZIAM 2018. Featuring speakers from both industry and academia, the workshop provided early-career mathematicians the chance to discuss career pathways, hear advice on research collaboration, undertake communication skills training, improve their well-being and ask for advice from experienced mathematicians.

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The next ANZIAM conference is to be at the Rutherford Hotel, Nelson, New Zealand, 4-7 Feb 2019, directed by Michael Plank and myself. The Mathematical Biology Special Interest Group Workshop will follow on 9 Feb in Nelson.

ANZIAM 2020 is planned to be in the Hunter Valley, convenient to the 2020 Mathematics in Industry Study Group, which will be held at the U of Newcastle (see below).

ANZIAM Medallists

The following ANZIAM Medals for 2018 were announced and presented at the Conference Dinner in Hobart:
The 2018 **ANZIAM Medal**, our most prestigious award, was awarded to Professor Phil Howlett for sustained and outstanding contributions to the theory and applications of mathematics, and for his passionate advocacy of ANZIAM
`https://www.anziam.org.au/The+2018+ANZIAM+Medal`
The 2018 **E.O. Tuck Medal** was awarded to Professor Yvonne Stokes, for fundamental contributions to industrial and applied mathematics
`https://www.anziam.org.au/The+2018+EO+Tuck+Medal`
The 2018 **J.H. Michell Medal**, made to an outstanding early career researcher for distinguished research in applied or industrial mathematics, was awarded to Associate Professor Claire Postlethwaite
`https://www.anziam.org.au/The+2018+JH+Michell+Medal`
The **T.M. Cherry Prize** for the best student talk at the Conference was awarded jointly to Nabil Fadai (Oxford) and Eloise Trendenick (QUT)
The **Cherry Ripe Prize** for best non-student talk went to Chris Lustri (Macq)
`https://www.anziam.org.au/Cherry+Ripe+Prize`
The **A.F. Pillow** Phd top-up Scholarship was not awarded this year.

Mathematics in Industry Study Groups

MISG 2018 was directed by Peter Pudney, University of South Australia, in Adelaide from 29 Jan to 2 Feb. Four projects were tackled, one from the Australian Bureau of Statistics on combining publicly available data to make inferences about sub-populations, two from ElectraNet on handling stochastic behaviour of new electricity generation methods and non-synchronous power generators, and one from the Australian Lamb Co. on optimal red meat cuts. About 75 delegates attended, mostly local but also from as far away as Perth, Oxford, Korea, Japan, Spain, Turkey and Italy. About half of the delegates were PhD students.

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Peter Pudney has generously agreed to host the 2019 MISG in Adelaide, 21–25 January. ANZIAM is extremely grateful to Peter and his colleagues at UniSA for taking on the leadership of a fourth consecutive MISG, as we were encountering difficulties in finding a host for 2019. The 2020 MISG will be hosted by Natalie Thamwattana and Mike Meylan at the University of Newcastle, in brilliantly serendipitous juxtaposition to ANZIAM2020 in the Hunter Valley.

Mathematics in Industry New Zealand

MINZ Study Group meetings are held annually in New Zealand since 2015, with the MINZ Reference Group currently chaired by Mark McGuinness after Graeme Wake stepped down. These meetings are mentored and encouraged by ANZIAM New Zealand, and typically attract four to six industry problems and 80–100 academics and students.

A report on the last MINZ meeting, held in June 2018 at the Auckland University of Technology, can be found in the AustMS Gazette, Volume 45, Number 4, p.209.

The next MINZ meeting is to be directed by Richard Clark at the University of Auckland, from 24–28 June 2019. Graeme Wake continues to provide crucial support to the MINZ meetings by his unflagging advocacy in getting good industrial problems to tackle.

Code of Conduct

ANZIAM is developing a Code of Conduct, similar to the one already in place for the next ANZIAM conference in Nelson `http://sms.victoria.ac.nz/Events/ANZIAM2019/WebHome`, and based on one that has already been used at the NZ Mathematical Society Colloquium. We are asking for a Code of Conduct to be in place at any conferences we sponsor in the future.

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ANZAMP REPORT TO THE AUSTMS, 2017/2018

1. Annual Meeting

ANZAMP's 6th Annual Meeting was held in Auckland (Takapuna), during 30th January to 1st February, 2018; see (`http://www.anzamp.austms.org.au/meetings/2018/`). This was the first ANZAMP meeting to be held in New Zealand. The A. J. Guttmann Prize ($500) for the best talk by a student or recent PhD graduate at the ANZAMP Annual Meeting was awarded to Arthur Suvorov from the University of Melbourne.

ANZAMP's 7th Annual Meeting will be held in Merimbula, during 5 February – 7 February, 2019. ANZAMP makes every effort to list an international line-up with gender balance. The confirmed list of keynote speakers is:

- Florian Beyer (University of Otago)
- Jean-Sébastien Caux (University of Amsterdam)
- Anna Ceresole (University of Turin)
- Clare Dunning (University of Kent)
- Mathai Varghese (University of Adelaide)
- Yupeng Wang (Chinese Academy of Sciences)

2. Appointment of ANZAMP Executive

A new chair and deputy chair commenced at the AGM held during the 6th Annual Meeting, with the treasurer and secretary continuing from the previous executive. The new executive is Jonathan Kress (Chair), Pedram Hekmati (Deputy chair), Jon Links (Treasurer) and David Ridout (Secretary).

3. Membership and Annual Meeting Attendance

ANZAMP currently has 266 members, including 123 Ordinary/Sustaining AustMS members and 143 Student members. New Zealand membership has increased significantly since last year and ANZAMP now has 20 New Zealand members.

The Annual meeting in Auckland had 80 participants, of which 25 were students. There were 42 from participants from Australia and 20 from New Zealand.

4. Income

ANZAMP's recurrent income is derived entirely through membership fees. Members of ANZAMP who are Australian residents are required to be members of AustMS. In 2018, each such member paid an additional ANZAMP membership fee, corresponding to 20% of their AustMS membership fee. For Ordinary Members in 2018, this fee was $30. New Zealand members pay an equal fee directly to ANZAMP. This fee will remain the same in 2019. In addition to the ANZAMP membership fee, ANZAMP receives a subvention from AustMS. The income received to date by ANZAMP in 2018 via fees/subvention is $6,263.37. A summary is included as an appendix to this report. An external audit is yet to be carried out.

Date: November 9, 2018.

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5. Linkages

Following a vote at the 2018 AGM, ANZAMP requested to be registered as the Asia-Pacific Centre for Theoretical Physics (APCTP) Member Entity for Australia. This was approved at the APCTP General Council meeting in March. Omar Foda continues as the Australian representative on the APCTP General Council. ANZAMP member Paul Pearce was re-elected to the APCTP board.

ANZAMP is an associate member of the International association of Mathematical Physics.

Former ANZAMP Chair, Prof Jan de Gier, is a member of the C18 (mathematical physics) commission of the International Union of Pure and Applied Physics (IUPAP).

ANZAMP income and expenditure

As at 30 August, 2018

Income

Opening Balance - 30/08/2017	$16,011.38	
Member subscriptions & subvention - 20/10/17	$519.72	
Trybooking conference fees received - 05/02/18	$17,055.29	
Member subscriptions & subvention - 26/04/18	$3,398.69	
Member subscriptions & subvention - 05/06/18	$2,344.96	
Net income		$39,330.04

Expenses

Guttmann Prize: A. Suvorov - 06/02/2018	$500.00	
University of Auckland invoice - 03/04/2018	$15,000.00	
International transfer fee - 03/04/2018	$22.00	
2018 Membership APCTP USD 2500 - 24/04/2018	$3,475.12	
International Transfer Fee - 24/04/2018	$12.00	
Deposit - 26/04/2018	$1,200.00	
Deposit - 26/04/2018	$2,500.00	
Deposit - 30/04/2018	$500.00	
Deposit - 04/05/2018	$1,750.00	
Net expenses		$24,959.12
Net operating income as per bank statement 30/08/2018		$14,370.92