



The Bulletin 363

The Royal Society of New South Wales

ABN 76 470 896 415

ISSN 1039-1843

Feb 2013

Future Events

Lectures in Sydney are held on the first Wednesday of the month at 6:30pm.

February

Wednesday 27 February 2013

5:30pm

Annual Meeting of the Four Societies

Engineers Australia Auditorium

8 Thomas St, Chatswood

Free—registration essential

Details at right.

March

Wednesday 6 March 2013

6:00pm for a 6:30pm start.

The Evolution of Galaxies

delivered by **Dr Ray Norris**

Union Club

25 Bent St Sydney

\$5 members/\$10 guests

April

Wednesday 3 April 2013

6:00pm for a 6:30pm start.

Fellows Lecture & AGM

An evolutionary history of Australia

delivered by **Prof Mike Archer**

Union Club

25 Bent St Sydney

\$5 members/\$10 guests

Southern Highlands Branch

Thursday 21 March 2013

6:00pm

Septimius Severus: The last Emperor of Rome's Golden Age

delivered by **Dr Michael Birrell**

Performing Arts Centre. Chevalier

College Bowral, enter off Charlotte St.

\$5 members/\$10 guests

27 February 2013

The Annual Meeting of The Four Societies

“Going low carbon – the Approach of the International Energy Policy Institute”

Professor Stefaan Simons, Director, International Energy Policy Institute, University College London

Venue: Engineers Australia auditorium
8 Thomas Street

Chatswood, Sydney

Time: 5:30 for 6pm

Cost: Free admittance

Registration: Preferred by Noon, Monday 21 February by online registration at

[https://
events.engineersaustralia.org.au/ei/
getdemo.ei?id=1434&s=_FFCOTGFWK](https://events.engineersaustralia.org.au/ei/getdemo.ei?id=1434&s=_FFCOTGFWK)

**For further information contact Don
Higson at higsond@bigpond.net.au**

6 March 2013

1207th Ordinary General Meeting

The Evolutionary Map of the Universe



Presented by Dr Ray Norris.

The \$160m Australian Square Kilometre Array Pathfinder (ASKAP) telescope is under construction in Western Australia. One of the key projects driving it is EMU - the Evolutionary Map of the Universe - which has an ambitious goal of studying the radio sky in unprecedented detail, to figure how galaxies evolved in the early days of the Universe and how they evolve to the Universe we see today, with stars, planets, rocks, trees, and astronomers.

What will we find?

How will it change our view of how we got to be here?

Please join your fellow members and guests at 6:00pm for a 6:30pm start at The Union, Universities and Schools Club at 25 Bent St Sydney.

Patrons of The Royal Society of NSW

Her Excellency Ms Quentin Bryce AC CVO, Governor-General of the Commonwealth of Australia

Her Excellency Professor Marie Bashir AC CVO Governor of NSW

Royal Society of NSW 2012 Scholarships

The 2012 Scholarship winners presented at the first meeting of 2013 held at the Union University and Schools Club on Wednesday 6 February.

Helen Smith is completing her PhD at Sydney University as part of a Sydney-based conservation programme to reintroduce the native bush rat into the Sydney Harbour National Park. If successful, this promises to be an effective way of displacing introduced rats that have had significant impact on local wildlife. Initial indications suggest that, once established, native rats successfully compete with introduced rats.

Anwen Krause-Heuer is in the midst of a PhD at the University of Western Sydney and is working on the development of new cancer drugs based on cis-platin. The aim of the workers to develop platinum-based anti-cancer complexes that have lower toxicity than established treatments.

Jendi Kepple is undertaking a PhD at the University of NSW and is investigating the design of various alloys and composite materials to improve the design of launch vehicles used in the European space programme. (Unfortunately Jenndi was not able to attend evening as she was at a conference overseas. She was well represented by one of her colleagues.)

Anwen Krause-Heuer



Helen Smith



Do we have your
correct address?

Post?

Email?

Telephone?

Remember to let the Society's
office know if any of your
details change.

Email the Society at
royalsoc@royalsoc.org.au



Or telephone the office on
02 9036 5282.

Be sure to leave a message
and we'll get back to you.

A note from the office

Dear Members,

The Society's office has begun sending out membership invoices. Please keep an eye out for your invoice in the post. Remember you need to be a financial member to vote at the upcoming AGM.

Don't hesitate to contact the office with any questions.

Kind Regards,

Emma

Emma Dallas
Executive Officer
Royal Society of NSW

02 9036 5282

121 Darlington Rd DARLINGTON NSW 2006

royalsoc@royalsoc.org.au

www.royalsoc.org.au

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Paperless Bulletin?

If you have the capability to read the Bulletin digitally please let the Society's



From the President



The year is off to a great start with three outstanding presentations from the winners of the Royal Society of NSW 2012 Scholarships presenting details of their work at the 1207th general meeting.

Their work is representative of the great diversity of science in NSW: from composite materials used in the aerospace programme, to the reintroduction of native rats around Sydney Harbour foreshores, to developing new drugs for treating cancer.

Coming up, we have the Four Societies Lecture on 27 February and the investiture of two new fellows, Professors Barry Jones and Brian Schmidt that will take place at Government House in March.

We are delighted that Professor Mike Archer, one of the Society's inaugural Fellows will present the first Royal Society of NSW Fellows Lecture at the 1209th OGM to be held immediately after the annual general meeting on Wednesday 3 April. Professor Archer is one of Australia's most distinguished biologists and palaeobiologists and was one of the key figures involved with the extraordinary fossil find at Riversleigh in Queensland, one of the richest fossil discoveries ever made in Australia.

As noted above, the AGM will take place on Wednesday 3 April at 5:30 pm. We have been very fortunate to have an energetic Council over the last couple of years. The rules of the Society provide for quite a large Council and we would be delighted to have more members join it and participate in planning the activities of the Society.

If you would like to nominate, please email the Society's General Secretary, Colin Bradley (Please note that to be eligible to stand for Council, you will need to be financial as at the date of the AGM – you will be receiving invoices within the next week or so.)

Donald Hector

Call for Volunteers

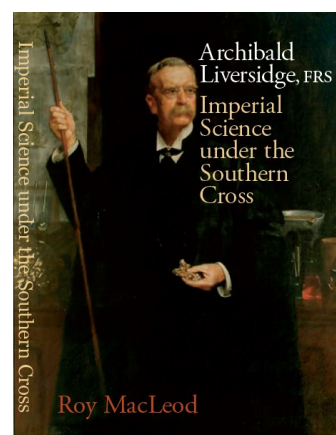
The RSNSW over the past few years has been developing a procedure and slowly cataloging the collection onto the Australian National Library Database, called Trove. We are now looking for volunteers to be involved in this process.

If you are interested in finding out more then please contact me on 0417270664 or by email at tony@g3n1u5.com.

Regards,

Tony Nolan
Librarian (RSNSW)

To order your very own copy
Contact the Society's office



Contact your office bearers

Dr Donald Hector President	02 9484 9007	Prof Heinrich Hora Vice President	02 4627 7769
Mr John R Hardie Vice President	02 9363 9630	Prof D. Brynn Hibbert Vice President	02 9398 9134
Mr Colin Bradley Hon. Secretary	0421 478 670	Mr Tony Nolan OAM Hon. Librarian	0417 270 664
Mr David Beale Hon. Treasurer	02 9498 1503	Dr Frederick Osman	0418 444 477
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Mr Clive Wilmot (SHB rep)	02 4886 4199	Dr William Kneprath	02 9581 6000
Professor Richard Banati	0408 121 362	Prof. Michael Burton Hon. Secretary (Editorial)	
Em. Professor Roy MacLeod			

The Bulletin is issued monthly by the Royal Society of New South Wales

121 Darlington Rd, Building H47, UNIVERSITY OF SYDNEY NSW 2006 Australia

Office hours: 11:00am - 4:00pm Mon - Wed and Fridays. www.facebook.com/royalsoc

Executive Officer: Emma Dallas t: 02 9036 5282 e: royalsoc@royalsoc.org.au w: www.royalsoc.org.au



The Royal Society of New South Wales

"for the encouragement of studies and investigations in Science Art Literature and Philosophy"

Building H47, 121 Darlington Road,
University of Sydney NSW 2006

Tel: (02) 9036 5282 ♦ Fax: (02) 9036 5309

Web: www.royalsoc.org.au

Email: royalsoc@royalsoc.org.au

CALL FOR NOMINATION FOR COUNCIL FOR 2013/2014

The Society's Rules and By-Laws stipulate that the positions of President, Vice-Presidents, Honorary Secretaries, Honorary Treasurer, Honorary Librarian and Councillors be elected at the Society's Annual General Meeting in April each year.

Nominations for these positions in 2013/14 must be received by the Honorary Secretary before Sunday 31 March 2013.

Council now calls for nominations for all positions on the 2013/2014 Council. Nominations should be endorsed by two financial members and accompanied by the signature of the nominee.

COUNCIL POSITION:

NAME:

PROPOSED BY:

(Signature) PLEASE PRINT NAME

SECONDED BY:

(Signature) PLEASE PRINT NAME

SIGNATURE OF NOMINEE.....

Please return completed form to the Hon. Secretary at the above address, before Sunday 31 March 2013.

Fellows: Michael Archer AM FAA FRSN ♦ Elizabeth Blackburn AC FRS FRSN ♦ Robert Clark FAA FRSN ♦ David Craig AO FRS FAA FRSN ♦ Noel Hush AO DSc FRS FNAS
FAA FRACI FRSN ♦ Kurt Lambeck AO FRS FAA FRSN ♦ Eugenie Lumbers FAA FRSN ♦
Lord May of Oxford OM AC Kt FRS FAA FRSN ♦ Michelle Simmons FAA FRSN ♦ Richard Stanton AO FAA FRSN ♦
Jill Trehwella FAAAS FLANL FRSN ♦ Bruce Warren DSc FRCPA FRCPATH FRSN