

# CMSA E-Newsletter 47

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Combinatorial Mathematics  
Society of Australasia  
(incorporated 8th July 1996)

## Introduction

Thanks to all CMSA members who have sent information for this newsletter, CMSA E-Newsletter 47, issued October 2016. Please send news as soon as you have anything of possible interest to CMSA members and the Combinatorial Community, even if no newsletter is imminent! Please email the Newsletter Editor (Kevin McAvaney): [kevin.mcavaney at ozemail.com.au](mailto:kevin.mcavaney@ozemail.com.au)

CLOSING DATE for Issue 48: 31 March 2017. (Please email items to the newsletter editor ONLY in plain text.)

Old newsletters can be found [here](#).

## Aims of the newsletter

- To promote combinatorics within Australasia.
- To provide a forum for sharing combinatorial and related information.
- To keep CMSA members informed and in touch with combinatorial and related matters.

# Workshop and conference announcements

## 40ACCMCC December 2016

The 40th Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (40ACCMCC) will be held at the University of Newcastle, Australia, Monday 12 to Friday 16 December 2016.

### Important dates

- Application for CMSA student support until 12 October
- Early bird registration until 1 November
- Abstract submission until 18 November
- Registration closes 25 November

### Invited speakers

- Nathan Clisby (University of Melbourne, Australia)
- Amy Glen (Murdoch University, Australia)
- Bojan Mohar (Simon Fraser University, Canada)
- Florian Pfender (University of Colorado Denver, USA)
- Dana Randall (Georgia Institute of Technology, USA)
- Bruce Reed (McGill University, Canada)
- Benny Sudakov (Swiss Federal Institute of Technology in Zurich, Switzerland)
- Geoff Whittle (Victoria University of Wellington, NZ)

### More Information

Attendees are invited to submit an abstract for a contributed talk of 25 minutes duration (including time for questions), covering some topic in discrete or combinatorial mathematics or a related area of computer science.

Conference website: <https://40accmcc.newcastle.edu.au/>

Contact: Thomas.Kalinowski at newcastle.edu.au. Telephone: (02) 492 16558

Information on registration, submission of abstracts, accommodation, etc. can be found at the website.

We look forward to seeing you in Newcastle.

# **Workshop on Applied Probability, Combinatorics and Optimisation (APCO)**

Just after the 40ACCMCC, on the 16th and 17th of December, there will be a workshop on Applied Probability, Combinatorics and Optimisation (APCO) at the same venue (The University of Newcastle, Australia).

Invited speakers

- Jerzy Filar (Flinders University, Australia)
- Dana Randall (Georgia Institute of Technology, USA)
- Nick Wormald (Monash University, Australia)

Attendees are invited to submit an abstract for a contributed talk of 40 minutes duration.

Submission is by email to [ali.eshragh@newcastle.edu.au](mailto:ali.eshragh@newcastle.edu.au).

For more information see the workshop website <https://carma.newcastle.edu.au/apco/>

## **60th Annual Meeting of the Australian Mathematical Society**

The 60th Annual Meeting of the Australian Mathematical Society will be held at Australian National University (ANU), Canberra, from Monday 5 to Thursday 8 December 2016.

There will be a Special Session for Combinatorics organised by Amy Glen (A.Glen at [murdoch.edu.au](mailto:murdoch.edu.au)) and Jamie Simpson (Jamie.Simpson at [curtin.edu.au](mailto:curtin.edu.au)). We warmly invite contributed talks from CMSA members and anyone else who is interested.

Website: <http://maths.anu.edu.au/events/austms-meeting-2016>

## **More combinatorics conferences**

The 30th Midwest Conference on Combinatorics and Combinatorial Computing, Illinois State University, Normal, USA, 14-16 October 2016.

<https://about.illinoisstate.edu/MCCCC30/>

The 4th Bordeaux Graph Workshop, Bordeaux, France, 7-10 November 2016.

<http://bgw.labri.fr/2016/>

The 10th Annual International Conference on Combinatorial Optimization and Applications (COCOA 2016), Hong Kong, 16-18 December 2016.

<https://conference.cs.cityu.edu.hk/cocoa2016/>

ACM-SIAM Symposium on Discrete Algorithms (SODA17), Barcelona, Spain, 16-19 January 2017.

<http://www.siam.org/meetings/da17/>

The 48th Southeastern International Conference on Combinatorics, Graph Theory, and Computing, Florida Atlantic University, Boca Raton, USA, 6-10 March 2017.

<http://www.science.fau.edu/combinatorics/>

The 11th International Conference and Workshops on Algorithms & Computation (WALCOM), Hsinchu, Taiwan, 29-31 March 2017.

<http://walcom2017.nctu.edu.tw/index.html>

## Recent news

### MATRIX

The Mathematical Research Institute MATRIX is Australia's first research institute offering residential research programs in the mathematical sciences. It is located in Creswick, an historic town nestled in the Macedon Ranges, just north of Ballarat, 130km west of Melbourne. CMSA members are encouraged to submit proposals for MATRIX research programs. Several combinatorially minded mathematicians sit on the scientific committee. For more information see <http://www.matrix-inst.org.au/> or email david.wood at monash.edu

### New PhD

Hamid Mokhtar has successfully completed his PhD degree under the supervision of Sanming Zhou at the University of Melbourne. The title of his thesis is 'A few families of Cayley graphs and their efficiency as communication networks'. For the abstract see <https://minerva-access.unimelb.edu.au/handle/11343/112590>

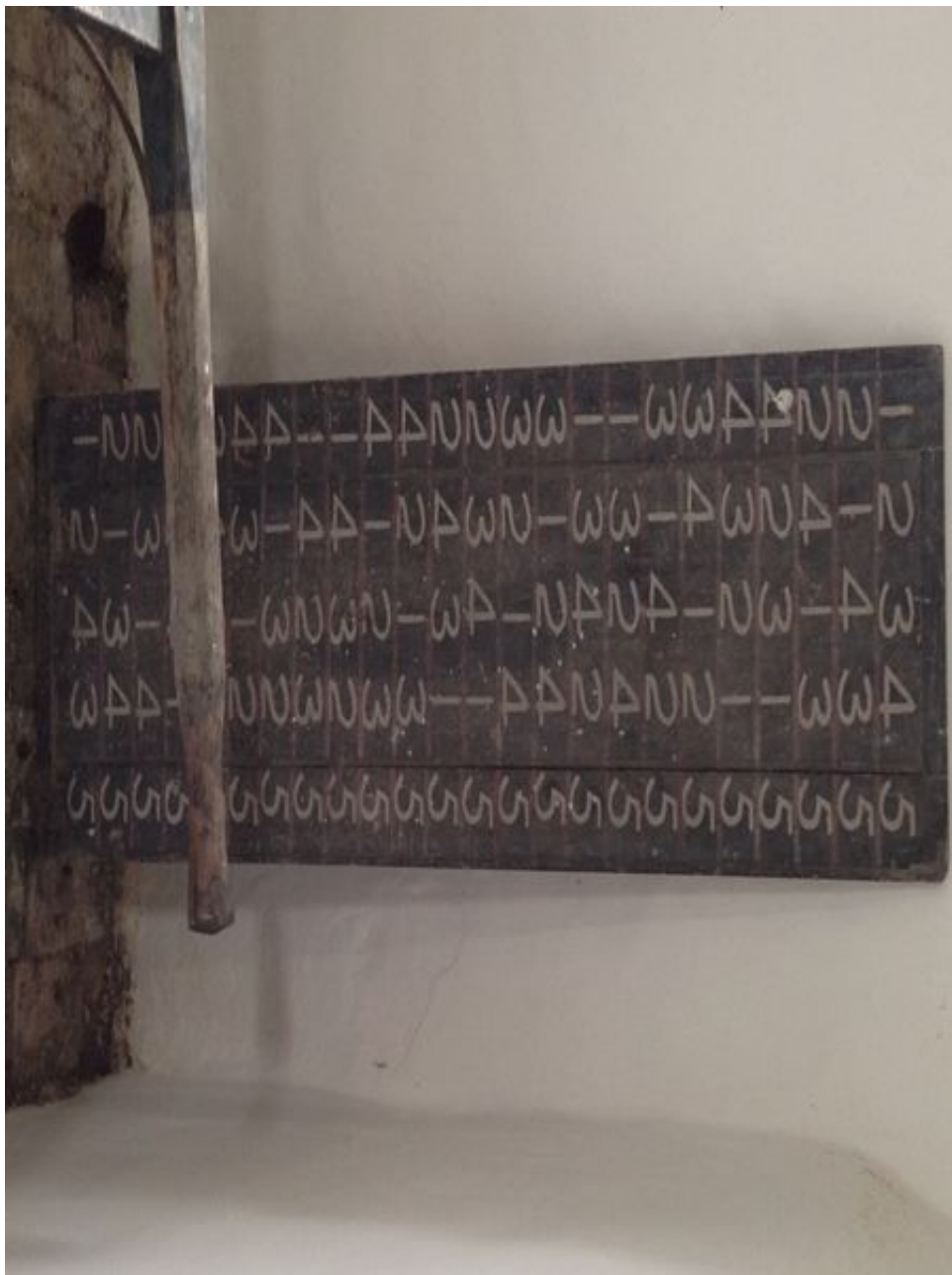
### ICA Medals

The Canada based Institute for Combinatorics and its Applications (ICA) recently announced that Catherine Greenhill (University of New South Wales) has been awarded the Hall medal and Daniel Horsley (Monash University) has been awarded the Kirkman medal. These medals are worldwide awards for outstanding work by respectively, mid and early career researchers in combinatorics. Big congratulations to both awardees!

Instituted in 2016 by ICA, Stanton Medals honour significant lifetime contributions to promoting the discipline of combinatorics through advocacy, outreach, service, teaching and/or mentoring. Letters of nomination should establish the significance, duration, and impact of the nominee's contributions other than research. At most one medal per year is to be awarded, typically to a Fellow of the ICA. Nominations and enquiries to Charlie Colbourn, Colbourn at [asu.edu](mailto:colbourn@asu.edu).

### Permutations

On a recent excursion in Kent UK, Jamie Simpson (Curtin University, Australia) took this photo at the Museum of Rural Life, St George's Church, in the village of Ivychurch. The curious board of permutations had no explanation. And there were no bell ringers around to ask!



## The Australasian Journal of Combinatorics

The website for the Australasian Journal of Combinatorics is <http://ajc.maths.uq.edu.au/>.

The Journal is now online only, free for readers and authors (so it is a 'diamond open access' journal). There are three volumes per year, with each volume closing in February, June and October, matching the time of publication of the old paper volumes. Volumes are currently being uploaded in three batches. Parts 1 and 2 of Volume 66 (2016) are now online. Volume 66 part 3 will appear soon.

Visit <http://ajc.maths.uq.edu.au/> and sign up to subscribe to email notices whenever new papers are published. The contents of all volumes, 1 to 65, are listed at the above web page.

Submissions to the Australasian Journal of Combinatorics may be sent to [ajc@maths.uq.edu.au](mailto:ajc@maths.uq.edu.au). Only pdf files are required at submission stage.

The Journal is now indexed by Scopus from Volume 13 (1996) onwards, and by Thomson Reuters "Emerging Sources Citation Index" from 2015 on.

ISSN: 2202-3518 (online only, after 2013); 1034-4942 (paper, before 2014).

# Editor

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