CMSA E-Newsletter 45

From Combinatorics Wiki

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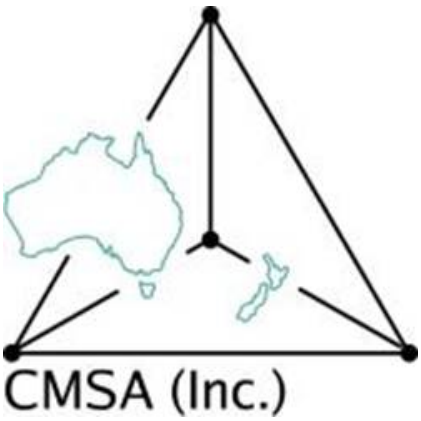

Combinatorial Mathematics Society of Australasia (incorporated 8th July 1996)

Introduction

Thanks to all CMSA members who have sent information for this newsletter, CMSA E-Newsletter 45, issued April 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

CLOSING DATE for Issue 46: 30 June 2016. (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.

Early-bird registration until 1 November. Abstract submission deadline is 18 November. Registration closes 25 November.

Invited speakers

- Amy Glen (Murdoch University, Australia)
- Bojan Mohar (University of Ljubljana, Slovenia)
- Florian Pfender (University of Colorado Denver, 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://www.maths.uq.edu.au/CMSA
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.

Probabilistic and Extremal Combinatorics Downunder

A workshop to be held at Monash University in Melbourne from Monday 13 to Friday 17 June 2016.

Invited speakers include:

- Noga Alon, Tel Aviv University
- Amin Coja-Oghlan, Goethe University
- David Conlon, Oxford University
- Michael Drmota, Technische Universität Wien
- Catherine Greenhill, University of New South Wales
- Jim Fill, Johns Hopkins University
- Penny Haxell, University of Waterloo
- Tomasz Łuczak, Adam Mickiewicz University
- Mihyun Kang, Graz University of Technology
- Alexandr Kostochka, University of Illinois at Urbana-Champaign

- Michael Krivelevich, Tel Aviv University
- Colin McDiarmid, Oxford University
- Dhruv Mubayi, University of Illinois at Chicago
- Sang-il Oum, KAIST
- János Pach, EPFL Lausanne
- Prasad Tetali, Georgia Institute of Technology
- Lutz Warnke, University of Cambridge

Workshop website: http://users.monash.edu.au/~davidwo/Downunder/index.html

Organisers: Jane Gao, Brendan McKay, David Wood, Nick Wormald.

More combinatorics conferences

Japanese Conference on Combinatorics and its Applications (JCCA 2016), Kyoto, Japan, 21-25 May 2016. http://infoshako.sk.tsukuba.ac.jp/jcca/JCCA16/

3rd Istanbul Design Theory, Graph Theory and Combinatorics Conference, Istanbul, Turkey, 12-17 June 2016. http://portal.ku.edu.tr/~eyazici/Research/Design2016/index.htm

Algebraic Combinatorics and Group Actions, Herstmonceux Castle in East Sussex, UK, 11-16 July 2016. http://www.mast.queensu.ca/~wehlau/Herstmonceux/herst.html

Distance in Graph 2016 (A conference to celebrate the life and work of Mirka Miller), Ubud, Bali, Indonesia, 19-22 July 2016. http://distanceingraph.org/

Recent news

Flinders Hamiltonian Cycle Project Challenge Set Announcement

The FHCP Challenge Set is a collection of 1001 instances of the Hamiltonian Cycle Problem, ranging in size from 66 vertices up to 9528 vertices, with an average size of just over 3000 vertices. The problems are in the standard HCP format (see below). All of the instances are designed to be difficult to solve using standard HCP heuristics. Every one of the 1001 graphs is known to be Hamiltonian.

The Challenge Set can be downloaded from http://fhcp.csem.flinders.edu.au/fhcpcs or http://www.iwr.uni-heidelberg.de/groups/comopt/software/TSPLIB95 The competition deadline is 30 September 2016.

FHCP is offering a USD1001 prize for the first researcher, or team of researchers, who can provide a solution for every graph in the set. If no team is successful in solving all 1001 graphs by the competition deadline, then the team which solved the largest number of graphs will win the prize, so research teams are encouraged to submit partial sets of solutions early and often!

The results of the competition will be announced during the AustMS 2016 annual meeting in December.

Jennie's Birthday

Emeritus Professor Jennifer Seberry celebrated her 72nd birthday on 13 February 2016 at the University of Wollongong.
Prof Willy Susilo, Jennie, Prof Yi Mu, Computer and Information Security Research Lab.

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. All three parts of Volume 64 (February 2016) are now online. Volume 65 part 1 is appearing in early April.

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 63, are listed at the above web page.

Submissions to the Australasian Journal of Combinatorics may be sent to 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.

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