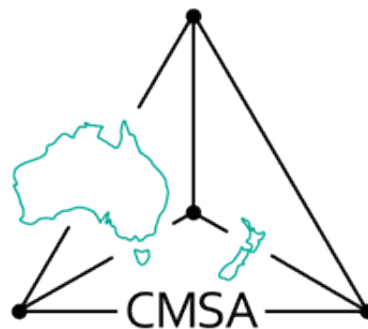


Combinatorial Mathematics Society of Australasia

Newsletter 56: October 2019



Incorporated 8 July 1996

Introduction

Thanks to all CMSA members who have sent information for this newsletter.

Please send news as soon as you have anything of interest to CMSA members and the combinatorial community, even if no newsletter is imminent. Email items to the Newsletter Editor: kevin.mcavaney@ozemail.com.au. Only in plain text please.

Closing date for Newsletter 57: 31 March 2020.

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

Workshop and conference announcements

42ACCMCC December 2019

The 42nd Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (42ACCMCC) will be held at the University of New South Wales in Sydney, 9–13 December 2019. The conference programme will include invited speakers, contributed talks in parallel sessions, a conference dinner and presentation of the CMSA Anne Penfold Street Student Prize for the best student talk at the conference, an excursion, and the CMSA Annual General Meeting. Researchers in any area of discrete mathematics and its applications are warmly invited. Early bird registration closes 30 October 2019. Later registration closes on 15 November 2019.

Plenary speakers:

- * Michael Albert, University of Otago
- * Anurag Bishnoi, Freie Universität Berlin
- * Joachim Gudmundsson, University of Sydney
- * Daniel Horsley, Monash University
- * Ken-ichi Kawarabayashi, National Institute of Informatics, Japan
- * Cheryl Praeger, University of Western Australia
- * Wojciech Samotij, Tel Aviv University
- * Maya Stein, Universidad de Chile
- * Stéphan Thomassé, École Normale Supérieure de Lyon

Organising Committee Chair: Catherine Greenhill

Conference website: <https://conferences.maths.unsw.edu.au/event/3/>

Email: accmcc2019@unsw.edu.au

63rd Annual Meeting of the Australian Mathematical Society

The [63rd Annual Meeting of the Australian Mathematical Society](#) will take place at Monash University, 3–6 December 2019. CMSA members are invited to speak in the Combinatorics and Graph Theory special session. Each talk will last for 20 minutes, plus 5 minutes for questions and answers. Student members of AustMS may apply for funding for attending the meeting through the AustMS student support scheme. There will be support for childcare, thanks to an Anne Penfold Street Award.

To accept this invitation, please register and submit the title and abstract of your talk [here](#). The talk details can be changed closer to the meeting date.

We look forward to seeing you at AustMS2019 at Monash.

David Wood and Joanne Hall, special session organisers

Finite Geometry: a workshop in honour of Tim Penttila

Supported by the Australian Mathematical Sciences Institute and the Institute for Geometry and its Applications, this workshop will be held at The University of Adelaide, South Australia, 16–17 December 2019.

Featured speakers

- * Nicholas Hamilton, The University of Queensland
- * Alice Man Wa Hui, BNU-HKBU United International College
- * Christine OKeefe, CSIRO
- * Valentina Pepe, La Sapienza, The University of Rome
- * Cheryl Praeger, The University of Western Australia
- * Geertrui Van de Voorde, University of Canterbury, NZ

More Information

Organisers: John Bamberg, Sue Barwick, Binzhou Xia

Website: <http://penttilafest.wordpress.com/>

Email: penttilafest@gmail.com

Symmetries of Discrete Objects

The third Symmetries of Discrete Objects conference will be held in Rotorua, New Zealand, 10–14 February 2020. The conference theme is broad, and includes symmetries of graphs, maps, polytopes, Riemann/Klein surfaces, and other discrete structures such as block designs and finite geometries, with theory and applications of groups as a common thread.

So far, the confirmed invited speakers include

- *Anneleen De Schepper, Ghent University, Belgium
- *Dimitri Leemans, Université Libre de Bruxelles, Belgium
- *Joy Morris, University of Lethbridge, Canada
- *Primož Potočnik, University of Ljubljana, Slovenia
- *Jozef Širáň, Open University, UK, and Slovak University of Technology, Slovakia

If you are interested in attending, please register by early November 2019. (Registration fees do not have to be paid until 4 January 2020, but we need to have a good idea of participant numbers well before then.)

Organisers: Marston Conder and Gabriel Verret.

Conference website: <http://www.math.auckland.ac.nz/~conder/SODO-2020>

More combinatorics conferences

[5th Bordeaux Graph Workshop \(BGW 2019\)](#),

Talence, France, 28–31 October 2019.

[International Conference on Graph Theory and its Applications](#),

Chennai, Tamil Nadu, India, 20–21 November 2019.

[31st ACM-SIAM Symposium on Discrete Algorithms \(SODA 2020\)](#),

Salt Lake City, Utah, USA, 5–8 January 2020.

[51st Southeastern International Conference on Combinatorics, Graph Theory and Computing \(SEICCGTC 51\)](#),

Boca Raton, Florida, USA, 9–13 March 2020.

[International Conference on Algebraic Combinatorics and Applications \(ALCOMA 20\)](#),

Kloster Banz, Lichtenfels, Germany, 29 March – 4 April 2020.

[Open Problems in Algebraic Combinatorics](#),

Minneapolis, Minnesota, USA, 28–22 May 2020.

[20th SIAM Conference on Discrete Mathematics \(DM20\)](#),

Portland, Oregon, USA, 1–4 June 2020.

[Combinatorics 2020](#),

Mantua, Italy, 1–5 June 2020.

[Seymour is Seventy](#),

Lyon, France, 15–19 June 2020.

[Permutation Patterns 2020](#),

Valparaiso, Indiana, USA, 29 June – 3 July 2020.

Recent news

Ars Combinatoria

[Ars Combinatoria](#), a Canadian journal of combinatorial mathematics, is searching for a new volunteer Managing Editor. Duties would be accepting submissions from authors, sending papers to referees, and corresponding with authors and referees. Accepted papers would be forwarded to the person in charge of production.

There is a possibility that the journal will be able to support on-line publishing in the future, using [Project Euclid](#). If this becomes possible, the managing editor would need to learn how to use this system.

Interested persons should contact the Editor-in-Chief, [Bill Kocay](#).

University of Western Australia

Alexander Bors was awarded the 2018 Kirkman Medal of the Institute of Combinatorics and its Applications. Kirkman Medals recognize excellent research by Fellows or Associate Fellows of the ICA early in their research career, as evidenced by an excellent body of published research. Alexander's citation can be found by clicking ICA Medals [here](#).

MATRIX workshop

From 25 November to 1 December 2019, the international mathematical research institute MATRIX will host a 1-week research program [Structural Graph Theory Down Under](#) at Creswick, Victoria. Organisers are David Wood (Monash University), Anita Liebenau (University of New South Wales), and Alex Scott (University of Oxford, UK).

CMSA Council elections

The CMSA council for 2020 will be elected at the CMSA annual general meeting at 42ACCMCC.

The council consists of a President, Vice-President, Immediate Past President (if there is one), Secretary, Treasurer and some number of other members. It is a requirement of societies incorporated in Queensland, which the CMSA is, that the Secretary be a resident of Queensland. There is no such requirement for other positions on the council. A retiring President, if not re-elected to the Council, becomes the Immediate Past-President for the next year.

Nominations can be taken from the floor at the AGM. For any nomination made prior to the annual general meeting, the secretary, [Darryn Bryant](#), must receive, in writing or electronically at least ten days in advance of the meeting, notice of the nomination from the proposer and seconder and notice of acceptance of the nomination from the nominee.

The current (2019) CMSA council is:

President: Jeanette McLeod

Vice-President: Amy Glen

Secretary: Darryn Bryant

Treasurer: Sara Herke

Other Council Members: Michael Albert, Catherine Greenhill, Mikhail Isaev, Anita Liebenau, Brendan McKay, Jennifer Seberry, Jamie Simpson.

The Australasian Journal of Combinatorics

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

AJC is a 'diamond open access' journal: online and free for readers and authors. There are three volumes per year, closing respectively in February, June and October, matching the time of publication of the old paper volumes. Volumes are currently being uploaded in three parts. Part 2 of Volume 75 has been recently uploaded, and part 3 will appear in October.

The contents of all published volumes are listed at the above web page.

Visit [here](#) to register for email notices whenever new papers are published.

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 Clarivate Analytics 'Emerging Sources Citation Index' from 2015 on.

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