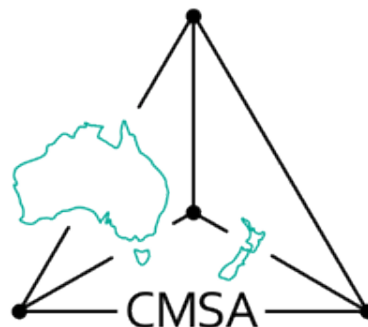# Combinatorial Mathematics Society of Australasia

Newsletter 60: April 2021

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 61: 30 June 2021.

Old newsletters can be found here.

Workshop and conference announcements

43ACC December 2021

Postponed from December 2020 due to COVID, the 43rd Australasian Combinatorics Conference (43ACC) will be held at The University of Melbourne, Australia, 13–17 December 2021. It is the next conference of the Combinatorial Mathematics Society of Australasia, in the otherwise annual series formerly referred to as the Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (ACCMCC). An historical list is available here.

The conference programme will include invited talks, contributed talks in parallel sessions, a presentation of the CMSA Anne Penfold Street Student Prize for the best student talk at the conference, and the CMSA Annual General Meeting. Depending on COVID related rules on social gatherings, a conference dinner and an excursion may be scheduled as well. Researchers in any area of discrete mathematics and its applications are warmly invited to attend and contribute.

Early bird registration closes on 31 October 2021.
Late registration and abstract submission close on 21 November 2021.

Invited speakers:

 * Vida Dujmović, University of Ottawa, Canada
 * Rongquan Feng, Peking University, China
 * Michael Giudici, The University of Western Australia
 * Sarada Herke, The University of Queensland, Australia
 * Mikhail Isaev, Monash University, Australia
 * Daniel Král', Masaryk University, Czech Republic
 * Bojan Mohar, Simon Fraser University, Canada
 * Jeroen Schillewaert, The University of Auckland, New Zealand
 * Edwin van Dam, Tilburg University, Netherlands
 * Nick Wormald, Monash University, Australia

Organising Committee: Malwina Luczak, Charl Ras, Lawrence Reeves, Binzhou Xia, Sanming Zhou (Chair)
Conference website: `http://43acc.ms.unimelb.edu.au`
Email: 43acc@ms.unimelb.edu.au

More combinatorics conferences (COVID-19 permitting)

XI Latin and American Algorithms, Graphs and Optimization Symposium (LAGOS 2021),
(on line) Sao Paulo, Brazil, 17–21 May 2021.

[Canadian Algorithm and Discrete Applied Mathematics Conference (CanaDAM 2021),](#)
(on line) Canadian Mathematical society, 25–28 May 2021.

[Ljubljana Workshop on Graph Domination 2021 (LWGD 2021),](#)
(postponed from 8–12 June 2020), University of Ljubljana, Slovenia, 7–11 June 2021.

[Ninth Cracow Conference on Graph Theory,](#)
Rytro, Poland, 14–18 June 2021.

[6th Workshop on Algebraic Designs, Hadamard Matrices and Quanta,](#)
Jagiellonian University, Cracow, Poland, 28 June – 2 July 2021.

[28th British Combinatorial Conference,](#)
(on line) Durham, UK, 5–9 July 2021.

[SIAM Conference on Discrete Mathematics (DM21),](#)
(on line) Spokane, USA, 20–23 July 2021.

[European Conference on Combinatorics, Graph Theory, and Applications (EUROCOMB 2021),](#)
(on line) Barcelona, Spain, 6–10 September 2021.

Recent news

CMSA Council elections

The CMSA council for 2021, elected at the AGM in December last year, is as follows.

President: Brendan McKay
Vice-President: John Bamberg
Secretary: Darryn Bryant
Treasurer: Sara Herke
Other Council Members: Michael Albert, Amy Glen, Catherine Greenhill, Anita Liebenau, Jeanette McLeod, Jennifer Seberry, Jamie Simpson, Sanming Zhou

CMSA Seminars

This virtual seminar series is organised by Anita Liebenau (UNSW) and Nina Kamčev (Monash University). It is delivered roughly every two weeks via Zoom. Information on past and future seminars can be obtained [here](#).

University of Auckland

Congratulations to Marston Conder (Life member of the CMSA) who has been awarded the 2020 Euler medal by the Institute of Combinatorics and its Applications (ICA). Euler Medals recognise distinguished lifetime career contributions to combinatorial research by Fellows of the ICA. [Citation](#). [Previous awardees](#). [UoA acknowledgment](#).

La trobe University

There is a PhD position available at La Trobe University, Bendigo, in the areas of discrete geometry and / or graph theory with Dr Michael Payne. Applications are invited up to 20 April 2021. [Futher details](#).

University of Western Australia

The 2020 Gavin Brown Prize of the Australian Mathematical Society was awarded to John Bamberg, Michael Giudici, Gordon Royle (all Department of Mathematics and Statistics, UWA) for their paper: Every flock generalized quadrangle has a hemisystem, *Bulletin of the London Mathematical Society*, 42 (2010) 795–810. [Citation](#).

Jesse Lansdown has been awarded a PhD in Dec 2020 for his thesis [*Designs in Finite Geometry*](#), which was supervised by John Bamberg (UWA), Alice Niemeyer (RWTH Aachen University, Germany) and Gordon Royle (UWA). He was the second successful student under an ongoing cotutelle agreement between RWTH Aachen and UWA. Jesse has started a postdoctoral fellowship on an ARC grant held by John Bamberg, Michael Giuidici and Gordon Royle.

Congratulations to Cheryl Praeger who was awarded Australias highest civilian honour, Companion of the Order of Australia (AC) on 26 January 2021 for her eminent service to mathematics, and to tertiary education, as a leading academic and researcher, to international organisations, and as a champion of women in STEM careers. [ABC News report](#).

University of Wollongong

Congratulations to Jennifer Seberry who was awarded the 2020 Pearcey Medal on 25 November in recognition of a distinguished lifetime achievement and contribution to the development and growth of the Information and Communications Technology (ICT) industry in Australia. The award was given by the Pearcey Foundation, which was formed in 1998 in memory of Trevor Pearcey, an Australian ICT pioneer who led the construction of CSIRAC, one of the world's earliest computers.

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. Volume 79 is now available.

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.