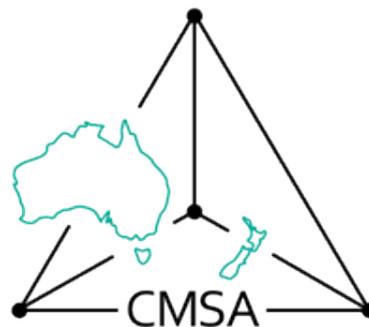# Combinatorial Mathematics Society of Australasia

Newsletter 65: October 2022

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 66: 31 March 2023.

Old newsletters can be found here.

Workshop and conference announcements

44ACC December 2022

The 44th Australasian Combinatorics Conference (44ACC) will be held entirely online via Zoom and hosted by the University of Otago, New Zealand, 12–16 December 2022.

The conference programme will mimic a traditional physical conference with presentation times planned for 1100–1400 and 1700–2000 NZDT. It will include invited talks, contributed talks, a presentation of the CMSA Anne Penfold Street Student Prize for the best student talk at the conference, and the CMSA Annual General Meeting.

Researchers in any area of discrete mathematics and its applications are warmly invited to attend and contribute a talk. Local groups may wish to organise attendance in a meeting room with projection facilities to promote discussion and create a conference atmosphere.

The invited speakers for 44ACC are:

- Simone Linz, University of Auckland
- Marni Mishna, Simon Fraser University
- Richard Nowakowski, Dalhousie University
- Lara Pudwell, Valparaiso University
- Padraig O Cathain, Dublin City University
- Pablo Spiga, Università degli Studi di Milano-Bicocca

Organising Committee: Michael Albert, Nick Cavenagh, Jeanette McLeod.

Contact: michael.albert@otago.ac.nz

Website: https://acc44.cspages.otago.ac.nz.

AustMS2022 December 2022

The 66th Annual Meeting of the Australian Mathematical Society will be held at the University of NSW, Sydney, 6–9 December 2022. There will be a special session on Combinatorics, organised by Catherine Greenhill and Anita Liebenau. John Bamberg, University of Western Australia, is the session keynote speaker. Why not attend and give a talk? Please email the session organisers if you are interested in giving a talk. More information on the conference website.

More combinatorics conferences

34th Midwestern Conference on Combinatorics and Combinatorial Computing (MCCCC34),
Illinois State University, Normal, USA, 21–23 October 2022.

28th International Computing and Combinatorics Conference (COCOON 2022),
Shenzhen, China, 22–24 October 2022.

AUA-UAEU Workshop on Graph Theory, Combinatorics and Applications (GTCA 2022),
Al Ain, United Arab Emirates, 13–15 November 2022.

39th Colloquium on Combinatorics (Kolkom 2022),
Paderborn University, Paderborn, Germany, 18–19 November 2022.

Fifth Workshop on Enumeration Problems and Applications (WEPA 2022),
Clermont-Ferrand, France, 22–25 November 2022.

International Conference on Graphs, Networks and Combinatorics (ICGNC 2023),
Ramanujan College, University of Delhi, New Delhi, India, 10–12 January 2023.

54th Southeastern International Conference on Combinatorics, Graph Theory & Computing,
Florida Atlantic University, Boca Raton, USA, 6–10 March 2023.

9th Canadian Discrete and Algorithmic Mathematics Conference (CanaDAM 2023),
Winnipeg, Canada, 5–8 June 2023.

10th Slovenian Conference on Graph Theory (SiCGT23),
Kranjska Gora, Slovenia, 18–24 June 2023.

Rijeka Conference on Combinatorial Objects and Their Applications (RICCOTA2023),
University of Rijeka, Rijeka, Croatia, 3–7 July 2023.

Recent news

Job Vacancy

Auburn University, USA, has a position available in discrete mathematics.
For details visit https://www.auemployment.com/postings/32726.

Art Competition

MATRIX (mathematical research institute) and CARMA (computer-assisted research in mathematics and its applications) jointly invite entries for their annual Maths Art/Poster Competition. Entries close 20 November 2022. See https://carmamaths.org/art/gallery/competition/. Winners will be announced at AustMS2022, in the 'Visualisation and Mathematical Art' Special Session.

CMSA Seminars

Recent and forthcoming seminars in this online series are by:

- Candida Bowtell, University of Birmingham, 20 September 2022
- Alice Devillers, University of Western Australia, 4 October 2022
- Shoham Letzter, University College London, 18 October 2022
- Dillon Mayhew, Victoria University of Wellington, 1 November 2022
- Krystal Guo, University of Amsterdam, 15 November 2022

For more details visit http://combinatorics-australasia.org/seminars.html

PhD graduate

Congratulations to Ajani de Vas Gunasekara who recently completed her PhD thesis Completion and Embedding Problems for Combinatorial Designs at Monash University. Principal supervisor was Daniel Horsley with co-supervisor Ian Wanless.

CMSA Council Elections

The CMSA council for 2023 will be elected at the CMSA annual general meeting, which will be held via Zoom during the 44th Australasian Combinatorics Conference, 12-16 December 2022. The CMSA council consists of a President, Vice-President, Immediate Past President, Secretary, Treasurer and some number of other members. Nominations (with proposer, seconder, and nominee acceptance) to Secretary Darryn Bryant.

New Appointments

Congratulations to the following.

Professor Paul Bonnington, a former president of CMSA and long time Council member, formerly Director of eResearch at Monash University and before that at the University of Auckland, has been appointed as Pro-Vice Chancellor (Research Infrastructure) at The University of Queensland. More details here.

Professor Catherine Greenhill, University of New South Wales, also a former president of CMSA and long time Council member, has been elected a Fellow of the Australian Academy of Science in recognition of her outstanding contributions to science. Catherine has apparently helped the Academy achieve an historical event: 2022 is the first year in which at least 50% of the annual election of new fellows are women. Curiously for a scientific organisation, the Academy's announcement doesn't exactly state the event in this way, but most would infer it.

Vale Lynn Batten 1948–2022

Sadly we report the passing of Lynn Batten on 28 July 2022 in Melbourne. She earned her PhD at the University of Waterloo in 1977. After some time at the University of Manitoba, she was appointed Professor of Mathematics at Deakin University in 2000. She made significant contributions to IT security and finite geometry, and was closely involved with the cyber security industry. Her books include 'Combinatorics of Finite Geometries', 'The Theory of Finite Linear Spaces: Combinatorics of Points and Lines' (with Albrecht Beutelspacher), 'Public Key Cryptography: Applications and Attacks'. Lynn was a CMSA Council member in 2000/3/4/5 and organised the 2003 conference.

The Australasian Journal of Combinatorics

AJC is a 'diamond open access' journal: online and free for readers and authors. There are three volumes per year, closing in about February, June and October. Each volume has three parts. Volume 84, Parts 1, 2, 3 are now available, as are all volumes back to Volume 1.

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.

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