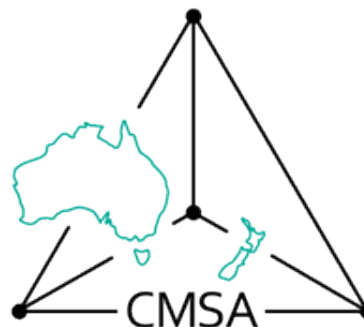


Combinatorial Mathematics Society of Australasia

Newsletter 75: April 2026



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 76: 30 June 2026.

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

Workshop and conference announcements

48ACC December 2026

The 48th Australasian Combinatorics Conference (48ACC) will be held at Monash University, Melbourne, Australia, 7–11 December 2026.

It will include invited talks, contributed talks in parallel sessions, the conference dinner, a 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. Registration will automatically include a one-year membership of CMSA, if not already a life member.

Researchers in any area of discrete mathematics and its applications are warmly invited to attend and to contribute a talk.

The invited speakers for 48ACC are:

- Simona Boyadzhyska (Renyi Institute, Hungary)
- Nick Brettell (Victoria University of Wellington, NZ)
- Jonathan Jedwab (Simon Fraser University, Canada)
- Hao Huang (National University of Singapore)
- Sophie Huczynska (University of St Andrews, UK)
- Jane Tan (University of Oxford, UK)
- Sebastian Wiederrecht (Korea Advanced Institute of Science and Technology)
- Binzhou Xia (University of Melbourne, Australia)
- Liana Yepremyan (Emory University, USA)

Organisers: Ian Wanless (Chair), Daniel Horsley, Melissa Lee, David Wood

Contact: acc48acc@gmail.com

Website: <https://48acc.github.io>

More combinatorics conferences

[9th International Symposium on Combinatorial Optimization \(ISCO2026\)](#),
Kusadasi, Turkey, 6–8 May 2026

[Combinatorics and Geometry in Mytilene](#),
Mytilene, Greece, 25–29 May 2026

[Combinatorics 2026](#),
Naples, Italy, 25–29 May 2026

[Fourth Meru Combinatorics Conference 2026](#),
Indian Institute of Technology Bhilai, India, 1–3 June 2026

[52nd International Workshop on Graph-Theoretic Concepts in Computer Science \(WG2026\)](#),
Kortrijk, Belgium, 2–4 June 2026

[SIAM Conference on Optimization \(OP26\)](#),
University of Edinburgh, UK, 2–5 June 2026

[22nd Annual Conference of Academy of Discrete Mathematics and Applications](#),
Indian Institute of Technology Madras, India, 7–10 June 2026

[37th International Workshop on Combinatorial Algorithms \(IWOCA 2026\)](#),
Université Clermont Auvergne, France, 8–11 June 2026

[27th Conference on Integer Programming and Combinatorial Optimization \(IPCO 2026\)](#),
University of Padova, Italy, 17–19 June 2026

[10th Gdańsk Conference on Graph Theory](#),
Gdańsk, Poland, 21–26 June 2026

[SIAM Conference on Discrete Mathematics \(DM26\)](#),
University of California, San Diego, USA, 22–25 June 2026

[Algebraic Combinatorics in Pisa](#),
Università di Pisa, Italy, 24–26 June 2026

[Structure in Matroids, Embedded Graphs and Graphs](#),
International Centre for Mathematical Sciences, Edinburgh, Scotland, 29 June–3 July 2026

[31st British Combinatorial Conference 2026](#),
Cardiff University, Wales, 6–10 July 2026

[10th International Conference on Lattice Path Combinatorics and Applications \(LPC 2026\)](#),
Vienna University of Technology, Austria, 20–24 July 2026

[Permutation Patterns 2026](#),
California State University, Los Angeles, USA, 20–24 July 2026

[32nd International Computing and Combinatorics Conference \(COCOON 2026\)](#),
Nanyang Technological University, Singapore, 23–25 July 2026

[International Congress of Mathematicians 2026](#),
Philadelphia, USA, 23–30 July 2026. The Congress is a quadrennial event organised by the International Mathematical Union. There are 20 sections across mathematics including Section 13 Combinatorics, which lists the following topics. Combinatorial structures. Enumeration: exact and asymptotic. Graph theory. Probabilistic and extremal combinatorics. Designs and finite geometries. Algebraic combinatorics. Topological and analytical techniques in combinatorics. Combinatorial geometry. Combinatorial number theory. Additive combinatorics. Polyhedral combinatorics and combinatorial optimization.

[Siberian International Conference on Graph Theory and Combinatorics \(SCGC 2026\)](#),
Novosibirsk State University, Russia, 11–14 August 2026

[34th International Symposium on Graph Drawing and Network Visualization \(GD 2026\)](#),
Brock University, Canada, 17–21 August 2026

[ASIACOMB2026](#),
Daejeon, South Korea, 24–28 August 2026

[11th Polish Combinatorial Conference](#),
Bedlewo, Poland, 20–26 September 2026

[12th Latin American Workshop on Cliques in Graphs \(LAWCG 2026\)](#),
São Paulo, Brazil, 5–8 October 2026

[33rd International Symposium on String Processing and Information Retrieval \(SPIRE 2026\)](#),
McMaster University, Canada, 13–16 October 2026

Recent news

New PhD

Congratulations to Darius Young who has been recently awarded a PhD at the University of Auckland, NZ, for his thesis [Quotients of Triangle Groups](#), supervised by Marston Conder, Gabriel Verret, and Jeroen Schillewaert. It describes several new discoveries about the finite quotients of triangle groups, focusing on their asymptotic and collective properties.

Australian Mathematical Society 2026 Special Sessions

A request is current for proposals for special sessions at the 2026 Meeting of the Australian Mathematical Society, to be held 1–4 December 2026 at The University of Western Australia, Perth. The deadline for proposals is 1 May 2026. They can be submitted on this [form](#).

Report on 47ACC

The 47th Australasian Combinatorics Conference was held at Victoria University of Wellington (Te Herenga Waka), in Wellington, New Zealand, from 1–5 December 2025. There were 84 registered participants from around the world: 26 from Australia, 22 from New Zealand, 24 from Asian countries, 8 from European countries, and 4 from Canada.



There were a 66 contributed talks, including 22 student talks, on a variety of topics, and 8 invited speakers:

- Johannes Carmesin (Technische Universität Bergakademie Freiberg, Germany) *Canonical constructions of flowers*
- Katie Clinch (University of Queensland) *Flexible graphs: cuts, edge-colourings, and triangles*
- Eunjung Kim (KAIST, South Korea, and CNRS, France) *Algorithms and MSO logic on graphs with tree-like decomposition*
- Karen Meagher (University of Regina, Canada) *Erdős-Ko-Rado combinatorics*
- Kerri Morgan (RMIT University, Melbourne) *Why I love Theta graphs*
- Luke Morgan (University of Western Australia) *Local vs global in group-graph theory*
- Peter Nelson (University of Waterloo, Canada) *Two-coloured lines in finite geometry*

- Rajko Nenadov (University of Auckland) *Universality for graphs and other discrete structures*

The conference excursion was a trip to Matiu/Somes Island, in the middle of Wellington harbour. The island is a bio-secure zone, free of introduced predators, and is home to several bird species such as the kororā (the little blue penguin), and the kākāriki (a native parakeet). The tuatara, a reptile found only in New Zealand, is also found on the island, but they mainly stay in their burrows during bad weather, of which there was plenty. The forecast was for rain throughout the day, but fortunately a break in the middle of the day meant that 39 hardy souls from the conference were able to explore the island without too much discomfort.



The conference dinner was held at Wellesley Boutique Hotel on the Thursday evening. Emma Hogan (University of Oxford) was awarded the Anne Penfold Street Student Prize for her talk *Almost colour-balanced perfect matchings*.

The organisers were Nick Brettell (VUW-THW) and Dillon Mayhew (University of Leeds), who were ably supported by several VUW-THW student volunteers. We would like to thank the Institute for Combinatorics and its Applications for financial support, as well as VUW-THW.

CMSA Council

At the CMSA AGM on 2 December 2025, the following people were elected to Council for 2026: Binzhou Xia (President), Nick Brettell (Vice-President), Sara Davies (Secretary), Daniel Horsley (Treasurer), Jeanette McLeod, Rajko Nenadov, Florian Lehner, Brendan McKay, Katie Clinch, Gabriel Verret, Ian Wanless

CMSA Seminars

Recent seminars in this online series were:

- Natasha Morrison, University of Victoria, Canada, 1 April 2026, *Spanning trees in pseudorandom graphs via sorting networks*
- Gábor Somlai, Eötvös Loránd University, Hungary, 21 October 2025 *New polynomial method to treat versions of the direction problem*
- Alberto Espuny Díaz, University of Barcelona, Spain, 7 October 2025, *Building structures in the budget-constrained random graph process*

For abstracts and forthcoming seminars visit <http://combinatorics-australia.org/seminars.html>

The Australasian Journal of Combinatorics

Editor-in-Chief Michael Albert wishes to remind all colleagues across Australasia that the Australasian Journal of Combinatorics AJC, published by the CMSA, is an active and well-regarded venue for original research in all areas of combinatorics. Submissions are welcome from established researchers, early-career academics, and students. AJC has a rigorous peer-review process and there are no page charges for authors. Submission guidelines and further information are available on the journal's website: ajc.maths.uq.edu.au.

If you have recent or ongoing work suitable for publication, please consider the AJC as a home for your research. All who are involved in AJC look forward to receiving your work and continuing to showcase high-quality combinatorics particularly from researchers based in the Australasian region. Submissions may be sent to ajc@maths.uq.edu.au. Only pdf files are required at submission stage.

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 94](#) is now available, as are all volumes back to Volume 1.

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

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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