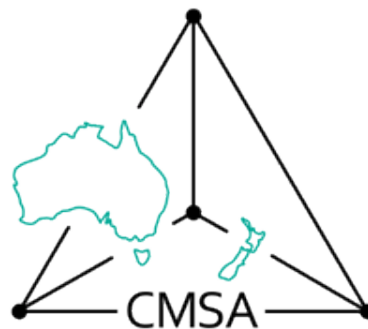


Combinatorial Mathematics Society of Australasia

Newsletter 77: October 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 78: 31 March 2027.

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)
- Peter Cameron (University of St Andrews, Queen Mary University of London, UK)
- 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>

Registration deadline: 13 November 2026

More combinatorics conferences

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

[36th Midwest Conference on Combinatorics, Cryptography, and Computing](#),
Rochester Institute of Technology, USA, 9–11 October 2026

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

[43rd Kolloquium über Kombinatorik \(KolKom 2026\)](#),
Zuse Institute Berlin and Technische Universität Berlin, Germany, 13–14 November 2026

[Groups Go West 2026](#),
Perth, Western Australia, 24–26 November 2026

[Extremal graph and hypergraph theory](#),
Sanya, Hainan, China, 14–18 December 2026

[New Directions in Graph Structure](#),
Banff, Canada, 17 - 22 January 2027

[Simons School on Order and Structure in Geometry](#),
Rényi Institute, Budapest, Hungary, 18–22 January 2027

[ACM-SIAM Symposium on Discrete Algorithms \(SODA27\)](#),
Philadelphia, USA, 24–27 January 2027

[Workshop on Order and Structure in Geometry](#),
Rényi Institute, Budapest, Hungary, 25–29 January 2027

[13th Annual International Conference on Algorithms and Discrete Applied Mathematics \(CALDAM 2027\)](#),
LNMI Institute of Information Technology, Jaipur, Rajasthan, India, 11–13 February 2027

[Canadian Conference on Structural Graph Theory](#),
online, 15–17 February 2027

[SIAM Conference on Applied and Computational Discrete Algorithms \(ACDA27\)](#),
Pittsburgh, USA, 22–24 February 2027

[21st International Conference and Workshops on Algorithms and Computation \(WALCOM 2027\)](#),
Taipei, Taiwan, 24–26 March 2027

[58th Southeastern International Conference on Combinatorics, Graph Theory & Computing](#),
Florida Atlantic University, Boca Raton, USA, 8–12 March 2027

[11th Canadian Discrete and Algorithmic Mathematics Conference \(CanaDAM 2027\)](#),
University of British Columbia, Kelowna, Canada, 14–18 June 2027

[38th Annual Symposium on Combinatorial Pattern Matching \(CPM 2027\)](#),
London, UK, 16–18 June 2027

[11th Slovenian Conference on Graph Theory](#),
Bled, Slovenia, 20–26 June 2027

Recent news

Sophia takes the cake

Monash University PhD student Sophia Witham won the Faculty of Science bake off with a 5x5x5 Latin cube made from 125 subcakes in 5 different flavours; chocolate, raspberry, lemon, carrot, red velvet. (The five cakes along any line parallel to any axis are distinct.) A transversal of the cube was marked by M&Ms. Not only was the cake visually impressive, it tasted as great as it looked. See [the cube](#).

Australian Mathematical Society 2026 Meeting

The 70th annual meeting of the Australian Mathematical Society is to be held 1–4 December 2026 at The University of Western Australia, Perth. It has 21 special sessions, one of which is Algebra and Combinatorics that is being organised by Lawrence Reeves, Binzhou Xia, and Sanming Zhou (all at The University of Melbourne). The conference website is <https://austms2026.org.au/>.

CMSA Seminars

Recent seminars in this online series were:

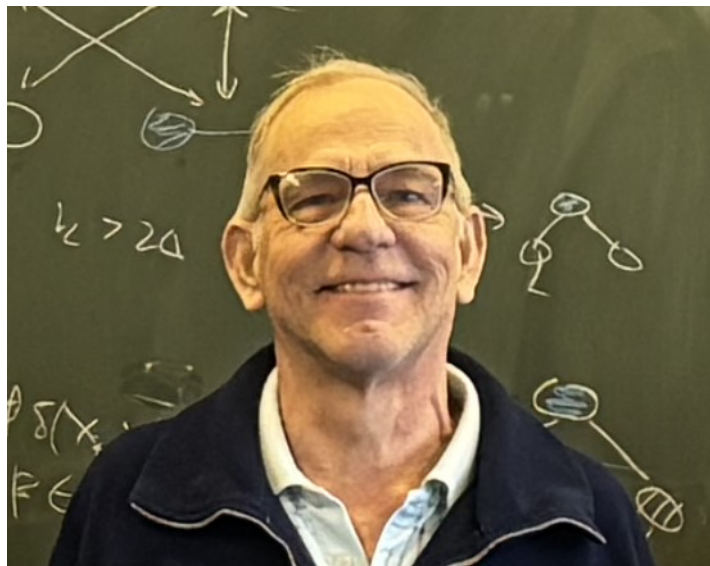
- Julia Wolf, University of Cambridge, UK, 30 Sep 2026, *The structure of sets of bounded VC₂-dimension*
- Bertille Granet, University of Warwick, UK, 27 May 2026, *On 2-factors of Hamiltonian graphs*
- Sahar Diskin, ETH Zürich, Switzerland, 6 May 2026, *Supercritical sharpness of percolation*

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

Vale Julian Abel

With sadness we wish to let colleagues know that Julian Abel, long-time Honorary member of the School of Mathematics and Statistics at UNSW Sydney, passed away peacefully on Thursday 6 August 2026.

Julian was a prolific researcher in combinatorics, particularly in the area of designs, who worked and published with many others from around the world. He was always very generous with his help and ideas, particularly with students.



Julian struggled with many illnesses over his life, but in particular, he had been battling cancer since he was diagnosed four years ago. In those years, he continued to be very active in research. He continued to publish and he continued to supervise Yudhi Bunjamin's PhD while undergoing treatment. The photo shows Julian in July 2025 at Combinatorics Day at UNSW Sydney

Diana Combe, Yudhi Bunjamin and Catherine Greenhill

The Australasian Journal of Combinatorics

The [Australasian Journal of Combinatorics](#) has a refreshed public website, with links to individual papers as well as the lists by volume and part, and some small changes to navigation and layout. Author guidelines have been updated with the journal's policy on the use of AI and referee guidelines have been added. Behind the scenes, there have also been changes to the portal used by our editors, which we hope will help keep papers moving smoothly from submission to publication.

Recently, there has been a significant rise in submissions, presumably due to the increased use of AI. We are committed to ensuring that behind every decision we make, and every piece of communication we send to authors or referees, there should be a person, not just a process. Maintaining both that commitment and our diamond open access status may, ironically, require us to consider ways to integrate AI into some of our internal procedures.

One thing we could always use is some more managing editors: the people responsible for the day-to-day processing of submissions after an initial screening. If you'd be interested, please contact one of the editors-in-chief (or a current managing editor!) for more details: Michael Albert (University of Otago) and Elizabeth Billington (University of Queensland).

The Journal is 'diamond open access': 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 96](#), Parts 1 and 2 are now available, as are all volumes back to Volume 1.

Submissions may be sent to ajc@maths.uq.edu.au. Only pdf files are required at submission stage.

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.

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