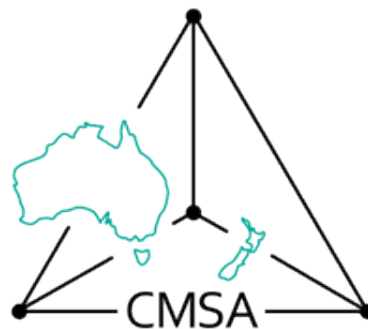


# Combinatorial Mathematics Society of Australasia

Newsletter 59: October 2020



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](mailto:kevin.mcavaney@ozemail.com.au). Only in plain text please.

Closing date for Newsletter 60: 31 March 2021.

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

## Workshop and conference announcements

### 43ACC postponed

The 43rd Australasian Combinatorics Conference was originally scheduled to take place from 14 to 18 December 2020 at The University of Melbourne. See the notice in [Newsletter 58](#). It is with regret that we have decided to postpone this conference to December 2021 after a careful assessment of the potential impact of the COVID-19 pandemic to this conference and following a suggestion of the CMSA Council. At this stage we are unable to confirm exact dates, but it is likely that 43ACC will be postponed until early or middle December 2021. Once finalised, the exact dates will be published on the [43ACC website](#). The Organising Committee of 43ACC apologises for any inconvenience.

### 64th Annual Meeting of the Australian Mathematical Society

[The 64th Annual Meeting of the Australian Mathematical Society](#) will be held online, hosted by The University of New England, Armidale NSW, Tuesday 8 to Thursday 10 December 2020.

It will include a Special Session on combinatorics and graph theory.

Please contact the session organiser, [Thomas Kalinowski](#), if you would like to give a talk.

### More combinatorics conferences (COVID-19 permitting)

[9th Latin American Workshop on Cliques in Graphs \(9LAWCG\)](#),  
Los Andes, Chile, online, 25 November 2020.

[International Conference on Number Theory and Discrete Mathematics \(ICNTDM 2020\)](#),  
Kochi, India, online, 11–14 December 2020.

[7th Annual International Conference on Algorithms and Discrete Applied Mathematics \(CALDAM 2021\)](#),  
IIT Ropar, India, virtual-physical hybrid, 11–13 February 2021.

[Algebraic Aspects of Matroid Theory \(21w5165\)](#),  
Banff, Canada, 28 March to 2 April 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](#),  
Durham, UK, online, 5–9 July 2021.

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

## Recent news

### CMSA AGM

The CMSA annual general meeting will be held via Zoom at 12noon AEST on Tuesday 15 December 2020. Business includes electing the CMSA Council for 2021. Nominations, with proposer, seconder, and nominee approval, may be sent to the CMSA Secretary, [Darryn Bryant](#), up to 10 days before the AGM or lodged at the AGM.

### 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](#).

### A New Book

The new graduate level text *Hadamard Matrices: Constructions using Number Theory and Linear Algebra* by Jennifer Seberry and Mieko Yamada was published by Wiley in August. You can preview the first 29 pages [here](#). Both authors are emeritus professors: Jennifer at University of Wollongong, Australia, and Mieko at Kanazawa University, Japan.

### University of Auckland

Congratulations to Martin Bachraty who has completed a PhD with his thesis *Skew Morphisms and Skew Product Groups of Finite Groups* under the supervision of Gabriel Verret and Marston Conder.

Congratulations to Marston Conder who was named an Officer of the New Zealand Order of Merit (ONZM) in the Queen's Birthday Honours List in June for [services to mathematics](#). The news item from the university is available [here](#).

### Vale Ronald Lewis Graham 1935–2020

Sadly we report the passing of mathematician, gymnast, and juggler Ron Graham on 6 July 2020. He made significant contributions to Ramsey theory, quasi-random graphs, scheduling theory, and computational geometry. An engaging populariser of mathematics, he also wrote extensively on recreational mathematics, mathematical magic, and the theory of juggling. His books include *Old and New Results in Combinatorial Number Theory* (with Paul Erdos), *Ramsey Theory* (with Bruce Rothschild and Joel Spencer), and *Concrete Mathematics: a foundation for computer science* (with Donald Knuth and Oren Patashnik). Looking for an accomplished and entertaining speaker, I (KM) invited Ron to address the 8th Australian Conference on Combinatorial Mathematics which was held at Deakin University in 1980. I was delighted when he accepted and he didn't disappoint. He gave me a Rubik's Cube, which had just come on the international market that year. [Here](#) is a YouTube video of Ron explaining his famous Graham's Number. The Guardian published an extensive [obituary](#).

## 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. Parts 1 and 2 of Volume 78 are 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](mailto: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).