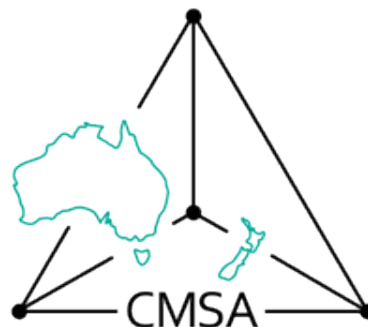


Combinatorial Mathematics Society of Australasia

Newsletter 58: July 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. Only in plain text please.

Closing date for Newsletter 59: 30 September 2020.

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

Workshop and conference announcements

43ACC December 2020

The next annual conference of the Combinatorial Mathematics Society of Australasia will be held at The University of Melbourne, Australia, 14–18 December 2020. This year it will be called the 43rd Australasian Combinatorics Conference (43ACC). Since 1989 the annual conference was called the Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (ACCMCC). An historical list is available [here](#).

The conference programme will include invited speakers, contributed talks in parallel sessions, a conference dinner and 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. Researchers in any area of discrete mathematics and its applications are warmly invited to attend.

Early bird registration closes on 31 October 2020.

Late registration and abstract submission close on 22 November 2020.

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

64th Annual Meeting of the Australian Mathematical Society

The 64th Annual Meeting of the Australian Mathematical Society will be held at The University of New England, Armidale NSW, Tuesday 8 to Friday 11 December 2020.

Email: schmalz@une.edu.au

More combinatorics conferences (COVID-19 permitting)

[Combinatorial Designs and Codes](#), (a satellite conference of the 8th European Congress of Mathematics), Rijeka, Croatia, 12–17 July 2020.

[Formal power series and algebraic combinatorics \(FPSAC 20\)](#), Bar Ilan University, Ramat Gan, Israel, 13–17 July 2020.

[Young Researchers in Combinatorics Workshop](#), ICMS, Edinburgh, UK, 19–25 July 2020.

[55th Czech-Slovak Conference on Graph Theory 2020](#), Masaryk University, Brno, Czech Republic, 17–20 August 2020.

[8th Polish Combinatorial Conference](#), Bedlewo, Poland, 14–18 September 2020.

[34th Midwest Conference on Combinatorics and Combinatorial Computing \(MCCCC\)](#), Las Vegas, USA, 16–18 October 2020.

Recent news

CMSA Seminars

A new virtual seminar series has been initiated by Anita Liebenau (UNSW) and Nina Kamčev (Monash University). Delivered fortnightly via Zoom, the series began on 20 May 2020 with Brendan McKay presenting ‘A scientist’s adventure into pseudoscience: the strange case of the Bible Codes’. Information on past and future seminars can be obtained [here](#).

Monash University

Congratulations to Hooman Reisi Dehkordi who has completed his PhD with his thesis [The Hanani-Tutte Theorem and Non-separating Planar Graphs](#). Hooman’s main supervisor was Graham Farr, associate supervisor was David Wood, and external associate supervisor was Peter Eades. His candidature was supported with an Australian Postgraduate Award and an International Postgraduate Research Scholarship.

Congratulations to Kevin Hendrey who was awarded the 2019 Monash University Vice Chancellors Commendation for Thesis Excellence for his PhD thesis [Extremal Graph Theory for Minors, Improper Colourings and Gonality](#). Kevin is now a post-doctoral research fellow in the Discrete Mathematics Group of The Institute for Basic Science in Daejeon, South Korea.

University of Auckland

Congratulations to [Jeroen Schillewaert](#) who has been awarded the Hall Medal by the Institute of Combinatorics and its Applications in recognition of extensive quality research with substantial international impact in mid-career. Jeroen has made significant contributions to a broad range of topics in combinatorics and finite geometry, combining techniques from extremal and probabilistic combinatorics, linear algebra, and group theory.

Vale John Horton Conway 1937–2020

Sadly we report the passing of the famously eccentric English mathematician John Conway on 11 April 2020 after contracting COVID-19. He made significant contributions to the theory of finite groups, knot theory, number theory, coding theory, combinatorial game theory and recreational mathematics. His books include ‘Winning Ways for your Mathematical Plays’ (with Guy and Berlekamp), ‘Atlas of Finite Groups’ (with Curtis, Norton, Parker, and Wilson), ‘Sphere Packings, Lattices, and Groups’ (with Sloane), ‘The Book of Numbers’ (with Guy). The Guardian published an extensive [obituary](#), which includes a video interview with Conway.

Vale Richard Kenneth Guy 1916–2020

Sadly we report the passing of another English mathematician Richard Guy on 9 March 2020. He made significant contributions to number theory, geometry, recreational mathematics, combinatorics, and graph theory. His books include ‘Unsolved Problems in Number Theory’, ‘Winning Ways for your Mathematical Plays’ (with Berlekamp and Conway), ‘Unsolved Problems in Geometry’ (with Croft and Falconer), ‘The Book of Numbers’ (with Conway), and in May 2020 ‘The Unity of Combinatorics’ (with Brown). Wikipedia has a [biography](#) and Gripped, Canada’s Climbing Magazine, has a touching [tribute](#).

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. All three parts of Volume 77 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. 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).