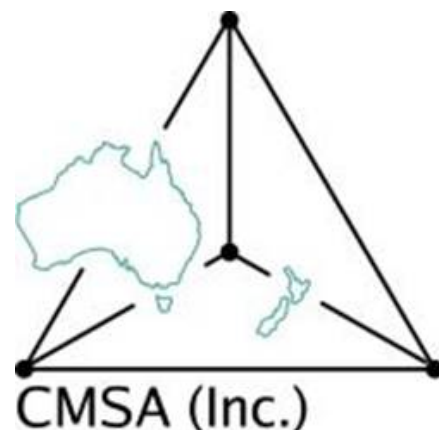


CMSA E-Newsletter 28

From Combinatorics Wiki

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Combinatorial Mathematics Society
of Australasia (incorporated 8th 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 possible interest to CMSA members and the Combinatorial Community, even if no newsletter is imminent! Please email the Newsletter Editor (Eyal Loz, University of Auckland, NZ) at: eyal@math.auckland.ac.nz

CLOSING DATE for Issue 29: April 15, 2009. (Please email items to the newsletter editor ONLY in plain text.)

Old newsletters can be found here.

Aims of the newsletter

- To promote combinatorics within Australasia.
- To provide a forum for sharing combinatorial and related information.
- To keep CMSA members informed and in touch with combinatorial and related matters.

Future workshop and conference announcements

CATS 2009 --- Computing

CATS 2009 --- Computing: The Australasian Theory Symposium , Victoria University of Wellington, New Zealand.

The 15th CATS symposium will be held at the Victoria University of Wellington, New Zealand, during January 20-23, 2009. CATS is one of the two premier annual conferences in theoretical computer science in the Asia-Pacific.

Accepted papers from the conference will appear in the electronic proceedings at <http://crpit.com> (<http://crpit.com>).

For more information, see <http://velorum.ballarat.edu.au/~pmanyem/CATS09/> (<http://velorum.ballarat.edu.au/~pmanyem/CATS09/>).

Contact:

Program Committee Co-Chairs: Rod Downey, Victoria University of Wellington, NZ. Email: Rod.Downey at mcs.vuw.ac.nz. Prabhu Manyem, University of Ballarat, Australia. Email: p.Manyem at ballarat.edu.au.

IPM 20-Combinatorics 2009

Conference covering all branches of combinatorics, especially combinatorial designs, graph theory and algebraic graph theory.

The IPM 20-Combinatorics 2009 Conference will take place at the School of Mathematics, Institute for Research in Fundamental Sciences (IPM), Tehran, Iran, on May 15-21, 2009.

The Institute for Research in Fundamental Sciences, IPM, will be celebrating its 20th year in operations in 2009. The opportunity is unique and there is an ample need for another comprehensive international conference on discrete mathematics in 2009. The objectives of the conference are to gather all interested individuals in the area of strengths of IPM in combinatorics to hear about the latest developments and activities and to nurture an atmosphere of cooperation between different educational institutions in or around Iran which are active in the area of combinatorics. With the ever increasing applications of discrete mathematics in communications, digital engineering, computer security etc., and an emerging group of young and talented mathematicians in the past decade, IPM has become a major centre of research in combinatorics in the Middle East. There have been four successful international workshops at IPM related to different aspects of discrete mathematics in the past eight years. IPM 20-Combinatorics 2009 is expected to be the most comprehensive one.

Plenary speakers:

- Eiichi Bannai (Kyushu University, JAPAN)
- Andries E. Brouwer (Eindhoven University of Technology, THE NETHERLANDS)
- Richard A. Brualdi (University of Wisconsin-Madison, USA)
- Peter J. Cameron (Queen Mary, University of London, UK)
- Jennifer T. Chayes (Microsoft Research, USA)
- Gyula O. H. Katona (Alfred Renyi Institute of Mathematics, HUNGARY)
- Richard P. Stanley (Massachusetts Institute of Technology, USA)
- Robin Thomas (Georgia Institute of Technology, USA)
- Richard M. Wilson (California Institute of Technology, USA)
- Avi Wigderson (Institute for Advanced Study, USA)

Contact:

R. Khosrovshahi Email: rezagbk at ipm.ir

Further details may be found on the conference web pages: <http://math.ipm.ac.ir/combinatorics2009/> (<http://math.ipm.ac.ir/combinatorics2009/>).

International Conference on Design Theory and Applications

(Incorporating the 2nd International Workshop on Hadamard and Cocyclic Matrices and Applications)
National University of Ireland, Galway July 1-3, 2009 The conference is being run under the auspices of the recently established 'de Brún Centre for Computational Algebra' at NUI, Galway.

<http://hamilton.nuigalway.ie/DeBrunCentre/> (<http://hamilton.nuigalway.ie/DeBrunCentre/>)

The broad theme of the conference is all areas of design theory, especially Hadamard matrices and their generalizations. Talks dealing with (i) applications of design theory, and (ii) computational aspects of design theory, are particularly encouraged and welcome.

Confirmed invited speakers to date

- Professor K T Arasu(Wright State University, USA)

- Professor Peter Cameron (Queen Mary College, UK)
- Professor Rob Craigen (University of Manitoba, Canada)
- Dr John Dillon (National Security Agency, USA)
- Dr Dane Flannery (NUI, Galway, Ireland)
- Professor Kathy Horadam (RMIT, Australia)
- Dr Mate Matolcsi (Alfred Renyi Institute, Hungary)
- Professor Jennie Seberry (University of Wollongong, Australia)
- Dr Dick Stafford (CCR, USA)

Publication post-proceedings of refereed articles in a special issue of a Springer journal is expected. Suitable articles will be solicited from registrants and other researchers.

Contact

A dedicated webpage will appear shortly. In the meantime, for further information please contact either Professor Kathy Horadam, RMIT University, Australia (kathy.horadam@rmit.edu.au) or Dr Dane Flannery, National University of Ireland, Galway (dane.flannery@nuigalway.ie).

Twenty-Third Midwest Conference on Combinatorics, Cryptography, and Computing

Twenty-Third Midwest Conference on Combinatorics, Cryptography, and Computing, In Honor of the **68th Birthday of Walter Wallis**. October 3-4 2009, RIT College of Science, Auburn University, Auburn, Alabama, U.S.

Invited Speakers

- Derek Corneil, University of Toronto.
- Jeffrey Dinitz, University of Vermont.
- Sergi Elizadle, Dartmouth College.
- Curt Lindner, Auburn University.
- Chris Rodger, Auburn University.
- Douglas West, University of Illinois

Contact

Conference Organizers:

- Hossein Shahmohamad, RIT.
- Anurag Agarwal, RIT.
- Darren Narayan, RIT.
- Ebrahim Salehi, UNLV.

For more information contact hxssma@rit.edu

The 2009 33ACCMCC conference

The 2009 33ACCMCC conference will be in Newcastle, NSW, Dec 7-11 2009.

More details to follow in the next newsletter.

A few useful conference webpages and a few upcoming conferences:

- DMANET (Discrete Maths Net) and the TheoryNT List have lots of conferences listed in Combinatorics and Theoretical Computer Science respectively.
- <http://www.combinatorics.org/Conferences/> (<http://www.combinatorics.org/Conferences/>)
- <http://www.maths.qmw.ac.uk/~pjc/bcc/conferences.html> (<http://www.maths.qmw.ac.uk/~pjc/bcc/conferences.html>)
- Upcoming conferences in Coding, Cryptography and Effective Algebra: <http://www-rocq.inria.fr/codes/Anne.Canteaut/annonces.html> (<http://www-rocq.inria.fr/codes/Anne.Canteaut/annonces.html>).
- Online version of the British Combinatorial Bulletin
<http://www.essex.ac.uk/maths/BCB/newsletters.htm> (<http://www.essex.ac.uk/maths/BCB/newsletters.htm>).

Recent news of CMSA members and others

Professor Cheryl Praeger has a stylish birthday!

Professor Cheryl Praeger's 60th birthday celebrations were attended by many mathematicians from all over the world, acknowledging her important contributions to the field. The conference was held at the University of Western Australia in Perth.

Happy birthday Cheryl!



Prof. Cheryl
Praeger

Darryn Bryant has been promoted to Professor

Darryn Bryant, QEII Research Fellow (Graph theory, combinatorics) in the University of Queensland, has been promoted to Professor.

Congratulations Darryn!



Prof. Darryn
Bryant

4-ICC, at the University of Auckland - a great success!

The CMSA want to congratulate Mark Wilson and the organizing committee of the 4-ICC conference in Auckland for a job well done.

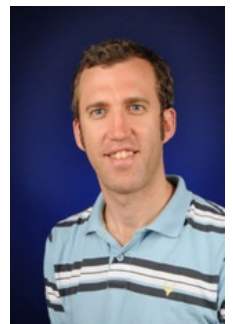


4-ICC participants

Dr. Nick Cavenagh is now a lecturer at the University of Waikato

Nick Cavenagh is now a lecturer in the Department of Mathematics, University of Waikato, New Zealand.

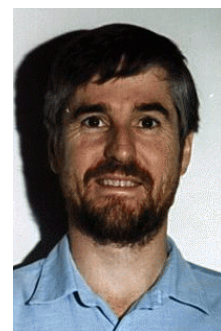
Congratulations Nick!



Dr. Nick
Cavenagh

Professor Chris Rodger - Award for Excellence in Faculty Outreach

Chris Rodger, the Scharnagel Professor of Mathematical Sciences in the College of Sciences and Mathematics, is the recipient of the 2008 Auburn University Award for Excellence in Faculty Outreach. Rodger's innovative outreach addresses mathematics teaching effectiveness at the K-12 level, making the intimidating subject fun for both instructor and student alike. As a result, students receive an improved level of instruction that in turn helps them increase their performance in mathematics courses. Many of the schools he serves are in rural west Alabama. Rodger received his bachelor and master's degrees from the University of Sydney, Australia, and his Ph.D. from the University of Reading, England. He has held visiting professor appointments and delivered scholarly keynote addresses in more than eleven countries around the globe. At Auburn, Rodger has received numerous grants for his outreach work; he was among the six principal investigators for a \$9 million NSF grant for "Team Math." Rodger balances his outreach efforts with an equally rigorous teaching schedule and research agenda, all of which has been recognized by his peers in the College of Sciences and Mathematics. Over the last decade, he has received every award the college offers in teaching, research, outreach, and student advising. He also has been named an Auburn University Distinguished Graduate Faculty Lecturer and an Alumni Professor.



Prof. Chris
Rodger

David Farmer has completed his PhD

David Farmer, Presemifields, Bundles and Polynomials Over $GF(p^n)$, RMIT University, 2008.

The Australasian Journal of Combinatorics

The web page for the Australasian Journal of Combinatorics is at <http://ajc.maths.uq.edu.au/> (<http://ajc.maths.uq.edu.au/>).

The Journal is published three times per year, in February, June and October. CMSA Members are entitled to a \$10 discount per volume.

There is a search facility for past authors and for keywords in the titles of papers. Instructions to authors are also available at this web site.

The contents of all volumes, 1 to 42, are listed at the above web page. We also now have free public access to the full papers in Volumes 1 to 30 inclusive. All but the last four years are available for free.

Submissions to the Australas. J. Combin. may be sent to ajc at [maths.uq.edu.au](mailto:ajc@maths.uq.edu.au). Electronic submissions are encouraged. For paper submissions, please check the web page.

Editor

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This page was last modified on 3 January 2019, at 14:39.