

CMSA E-Newsletter 17

From Combinatorics Wiki

COMBINATORIAL MATHEMATICS SOCIETY OF AUSTRALASIA (INC) E-Newsletter 17 (February 2005) INTRODUCTION:

Thank you to the 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 at: p.manyem at ballarat.edu.au

CLOSING DATE for Issue 18: May 30, 2005. (Please email items to me ONLY in plain text.)

CMSA WEB PAGE: <http://www.maths.uq.edu.au/CMSA>

NEWSLETTER WEB VERSIONS: <http://uob-community.ballarat.edu.au/~pmanyem/cmsa/>

CMSA CONFERENCE HISTORY PAGE (all past conferences organised under the CMSA; thanks to Kevin McAvaney for starting this page) <http://www.maths.uq.edu.au/cdmc/history.html>

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- Mile High Conference On Quasigroups, Loops And Non-associative Systems Denver, USA, JULY 2-9, 2005.
- 20th British Combinatorial Conference Durham, UK, JULY 10-15, 2005.
- 7th French International Colloquium on Graph Theory Hyeres, Var, France, SEPTEMBER 12-16, 2005.
- 16th Australasian Workshop on Combinatorial Algorithms (AWOCA 2005) University of Ballarat, Victoria, Australia, SEPTEMBER 18-21, 2005. (Note the change in dates)
- 30th ACCMCC University of Queensland, Brisbane, Australia, DECEMBER 5-9, 2005.
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* RECENT NEWS OF CMSA MEMBERS and others

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- Ian Wanless moves to Charles Darwin University, Darwin, Australia.

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* Job Opening: Research Associate position at the University of Western Australia

* AUSTRALASIAN JOURNAL OF COMBINATORICS

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 CTS Conference on Combinatorics and Applications in Honour of Frank K. Hwang's 65th Birthday, Hsin Chu, Taiwan Venue: Department of Applied Mathematics, National Chiao Tung University (NCTU), Hsin Chu, Taiwan, MAY 19-21, 2005.

Organizers: Chiu-Yuan Chen (NCTU), cychen at math.nctu.edu.tw, Ding-Zhu Du (Univ. of Minnesota), ddu at nsf.gov, Hung-Lin Fu (NCTU), hlfu at math.nctu.edu.tw

Program Committee: Hung-Lin Fu (NCTU, chair), Gerard J. Chang (NTU, co-chair), Chiu-Yuan Chen (NCTU), Ding-Zhu Du (Univ. of Minnesota), Chin-Mei K. Fu (Tamkang Univ.), Hua-Ming Huang (NCU), Tayuan Huang(NCTU), Ko-Wei Lih(Acadernia Sinica), Chi-Wen Weng (NCTU), Xuding Zhu (NSYSU).

For all participants, please register at <http://www.math.nctu.edu.tw/ctsconference/> (registration will open after June 1, 2004), and no later than April, 1, 2005. For the purpose of promoting research (by CTS) in combinatorics, this conference is free of registration fee and all meals during the period of conference including a banquet on May 20, 2005.

National Center for Theoretical Sciences, Mathematics Division Email: math at math.cts.nthu.edu.tw

Mile High Conference On Quasigroups, Loops And Non-associative Systems, The University of Denver, Denver, USA Conference Dates: July 2-9, 2005.

The conference focuses on recent results in nonassociative mathematics, in particular in quasigroups and loops. Contributions from related areas (nonassociative algebras, Latin squares, computational systems for nonassociative mathematics) are welcome. Based on the initial response, the conference promises to be the main event in nonassociative algebra for 2005.

DEADLINES: April 30 for registration with accommodation on campus May 31 for registration without accommodation on campus June 15 for submission of abstracts.

For more details, see the conference webpage at <http://www.math.du.edu/milehigh>.

BCC 2005, The University of Durham and Open University, UK The 2005 BCC (British Combinatorial Conference) is organised jointly by The University of Durham and The Open University, and will be held at Durham, UK, from July 10 (Sunday) to July 15 (Friday), 2005. For more details, see the conference webpage at <http://mcs.open.ac.uk/bcc2005/>.

The Seventh International Colloquium on Graph Theory, Hyeres, Var, France Conference Dates: September 12-16, 2005.

ICGT is the international conference initiated by Claude Berge, which is organized each 4 or 5 years by the french community in Graph Theory. The last edition was held in Marseille in 2000. It covers the full range of Graph Theory including applications in other areas of Mathematics, Biology, Computer Science and Engineering.

For more details, see the conference webpage at <http://www-sop.inria.fr/mascotte/ICGT05/>.

AWOCA 2005, The University of Ballarat, Victoria, Australia The 16th Australasian Workshop on Combinatorial Algorithms will be held at the University of Ballarat during September 18-21, 2005 (note the change in dates). The workshop will honour Professor Bill Smyth on his 70th birthday.

Topics include: Algorithms and Data Structures, Complexity Theory, Graph Theory and Combinatorics, Cryptography, Algorithms on Strings, Graph Algorithms, Graph Drawing, Computational Algebra and Geometry, Computational Biology, Communications Networks, Probabilistic and Randomized Algorithms, New Paradigms of Computation, and other topics in theoretical Computer Science.

Organising Committee: Mirka Miller, Prabhu Manyem, Joseph Ryan and a few others.

Program Committee: To be announced.

The workshop webpage will be available soon. There will be a Special Issue of a journal (to be decided) devoted to selected papers from AWOCA 2005.

Mirka Miller (Chairperson, Organising Committee)

ACCMCC 2005, The University of Queensland, Brisbane, Australia The 30th ACCMCC (Australasian Conference in Combinatorial Mathematics and Combinatorial Computing) will be held at the University of Queensland during December 5-9, 2005.

Invited Speakers at this stage include:

Simon Blackburn, Royal Holloway, University of London, UK Matthew Brown, The University of Adelaide, Australia Mike Grannell, The Open University, UK Lily Khadjavi, Loyola Marymount University, USA Curt Lindner, Auburn University, Auburn, Alabama, USA Brendan McKay, The Australian National University Wal Wallis, Southern Illinois University at Carbondale, USA

More to come!

Details at the website <http://www.maths.uq.edu.au/cdmc/30accmcc.html> are being updated regularly, so please check there often!

Elizabeth Billington

A few useful conference webpages and a few upcoming 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#main>

Upcoming conferences in Coding, Cryptography and Effective Algebra: <http://www-rocq.inria.fr/codes/Anne.Canteaut/annonces.html>.

EUROCONFERENCES IN MATHEMATICS ON CRETE: ALGEBRAIC AND GEOMETRIC COMBINATORICS, August 20-26, 2005. <http://www.math.uoc.gr/~caa/anogia05.html>.

COCOON 2005 (Computing and Combinatorics), August 16-19, 2005 in Hong Kong. <http://www.cs.cityu.edu.hk/~lwang/COCOON2005/>.

GRACO 2005: 2nd Brazilian Symposium on Graphs, Algorithms and Combinatorics, April 27-29, 2005. <http://www.ime.usp.br/graco2005/>.

The EUROPEAN GRADUATE PROGRAM "Combinatorics, Geometry, and Computation" will offer a Spring School on Enumerative Combinatorics during June 1-4, 2005, in Netzeband, a little town one hour northwest of Berlin. For more information, contact: Prof. Martin Aigner (aigner at math.fu-berlin.de), or Andrea Hoffkamp (hoffkamp at inf.fu-berlin.de), or <http://www.inf.fu-berlin.de/gk-cgc>.

RECENT NEWS OF CMSA MEMBERS and others

Prabhu Manyem has moved from the University of South Australia to the University of Ballarat, Victoria, Australia. Prabhu has joined University of Ballarat as a Lecturer in Optimisation and Discrete Mathematics. His email: p.manyem at ballarat.edu.au

Ian Wanless has accepted a position at Charles Darwin University at Darwin, Australia (see the open position advertisement in newsletter 16, October 2004), in the School of Engineering and Logistics. His email: Ian.Wanless at cdu.edu.au

Successful ARC Network in Security

A number of CMSA members are now part of a successful ARC (Australian Research Council) Network in security called Research Network for Securing Australia. The lead person is Associate Professor Priyan Mendis, a civil engineer at University of Melbourne. The first official meeting of the new network will be in Canberra on February 24, 2005. More information is available on its home page at <http://www.SecureAustralia.org>.

Job Opening at the University of Western Australia

RESEARCH ASSOCIATE (GROUP THEORY: PERMUTATION AND MATRIX GROUPS)
DEPARTMENT OF MATHEMATICS AND STATISTICS

Applications are invited for a 2 year fixed-term appointment for a research project Computing with large groups: Probability distributions and fast randomised algorithms funded by the Australian Research Council and directed by Professor Cheryl E. Praeger and Dr Alice C. Niemeyer. It concerns development, analysis and implementation of algorithms for permutation groups and matrix groups over finite fields.

For further information and copies of the selection criteria, please contact Professor Praeger on telephone +61-8-6488-3340 or email praeger at maths.uwa.edu.au or Dr Alice Niemeyer on telephone +61-8-6488-3890 or email alice at maths.uwa.edu.au.

Closing Date: May 1, 2005

The AUSTRALASIAN JOURNAL OF COMBINATORICS

The web page for the Australasian Journal of Combinatorics is at <http://ajc.math.auckland.ac.nz/>.

The Journal is now published three times per year, in February, June and October. Volume 31 (February 2005) has just been printed, and is being distributed. Note that 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 30 (and shortly 31), are listed at the above web page. We also now have free public access to the full papers in Volumes 1 to 22 inclusive. All but the last four years are available free.

Submissions to the Australas. J. Combin. may be sent to ajc at maths.uq.edu.au. Electronic submissions are encouraged. For paper submissions, please check the web page.

The Australasian Journal of Combinatorics is published by the Combinatorial Mathematics Society of Australasia Inc.

REMINDER: Deadline for the next issue of this Newsletter: May 30, 2005. Please email items to me ONLY in plain text format.

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