

CMSA E-Newsletter 20

From Combinatorics Wiki

COMBINATORIAL MATHEMATICS SOCIETY OF AUSTRALASIA (INC) E-Newsletter 20 (February 2006) 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 21: May 30, 2006. (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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* FUTURE WORKSHOP AND CONFERENCE ANNOUNCEMENTS

- Infinite Aspects Of Topological Graph Theory, University of Auckland, NZ, FEBRUARY 13-17, 2006.
- IPM Combinatorics II, Tehran, Iran, APRIL 22-27, 2006.
- 31st ACCMCC, Alice Springs, NT, Australia, JULY 8-12, 2006.
- 17th Australasian Workshop on Combinatorial Algorithms (AWOCA 2006), Uluru (near Ayers Rock) and Kings Canyon, NT, Australia, JULY 12-19, 2006.
- The 13th CATS -- Computing: The Australasian Theory Symposium 2007, Ballarat, VIC, Australia, JAN.29 to FEB.2, 2007.
- 32nd ACCMCC, University of Otago, Dunedin, NZ, DECEMBER 3-7, 2007. (tentative dates)
- A few useful conference webpages.

* RECENT NEWS OF CMSA MEMBERS and others

- George and Esther Szekeres pass away
- Darryn Bryant and Daniel Horsley solve a 30-year old conjecture due to Curt Lindner
- Rod Downey to give invited lecture at the International Congress of Mathematicians at Madrid
- Cheryl Praeger awarded an honorary doctorate by the Free University in Brussels
- Peter Adams promoted to Professor at the University of Queensland
- Paul Bonnington to lead a NZD 2.5 million project on GRID computing and e-Science

1. Expression of interest sought for Editorship of this newsletter

1. 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 Infinite Aspects Of Topological Graph Theory, University of Auckland, Auckland, New Zealand A workshop on the Infinite Aspects Of Topological Graph Theory will be held at the Centre for Discrete Mathematics and Theoretical Computer Science at the University of Auckland during February 13-17, 2006.

More details can be obtained from the website <http://www.math.auckland.ac.nz/~bonning/workshop.htm>, or from Paul Bonnington (p DOT bonnington AT auckland DOT ac DOT nz).

IPM COMBINATORICS II, Tehran, Iran

IPM COMBINATORICS II will be held during April 22-27, 2006 at the Institute for Studies in Theoretical Physics and Mathematics at Tehran, Iran.

Confirmed invited speakers include Aart Blokhuis, Andries Brouwer, Jeff Dinitz, Willem Haemers, Brendan McKay, Patric Ostergard and Qing Xiang.

For more information please visit <http://www.ipm.ac.ir/combinatoricsII/>.

Hadi Kharaghani (kharaghani AT cs DOT uleth DOT ca)

31st ACCMCC, 2006, Alice Springs, Australia The 31st ACCMCC (Australasian Conference in Combinatorial Mathematics and Combinatorial Computing) will be held at Alice Springs, Northern Territory, Australia, during July 8-12, 2005 (Saturday to Wednesday).

Details will be updated at the website <http://www.cdu.edu.au/engineering/31ACCMCC.html> regularly.

Ian Roberts and Ian Wanless, Co-Chairs, Organising Committee

AWOCA 2006, Uluru (Ayers Rock), Australia The 17th Australasian Workshop on Combinatorial Algorithms will be held at picturesque Uluru (Ayers Rock) and at Kings Canyon in Central Australia during July 12-19, 2006.

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.

Details will be updated at the website <http://www.ballarat.edu.au/conferences/awoca2006/> regularly.

CATS 2007, Ballarat, Victoria, Australia The 13th Computing: The Australasian Theory Symposium will be held at historical Ballarat, at the University of Ballarat, during January 29 - February 2, 2007.

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, Logic, and other topics in theoretical Computer Science.

Details will be updated at the websites <http://www.ballarat.edu.au/conferences> and <http://www.ballarat.edu.au/ard/itms/CIAO/Workshops/forthcomingWorkshops.shtml> regularly. For more information, contact Barry Jay (University of Technology, Sydney), or Joachim Gudmundsson (NICTA Australia, Sydney).

32nd ACCMCC, 2007, University of Otago, Dunedin, New Zealand The 32nd ACCMCC (Australasian Conference in Combinatorial Mathematics and Combinatorial Computing) will be held at the University of Otago, Dunedin, NZ, during December 3-7, 2007 (these are tentative dates).

Director for this conference: Mike Atkinson Webpage:

<http://www.cs.otago.ac.nz/staffpriv/mike/HomePages/newhome.html> Email: mike AT cs DOT otago DOT ac DOT nz

It is hoped that the next CMSA International Conference will be in 2008.

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.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>.

RECENT NEWS OF CMSA MEMBERS and others

We have received sad news, about the death of George and Esther Szekeres on August 28, 2005. George was well-known for his work in Combinatorics and his involvement with CMSA. More information can be obtained from

<http://www.maths.unsw.edu.au/news/2005/szekeresdeath.html>

http://en.wikipedia.org/wiki/George_Szekeres

<http://www.austms.org.au/Jobs/Library2.html>.

Darryn Bryant and Daniel Horsley of the University of Queensland have solved a conjecture, first posed by Curt Lindner of Auburn University 30 years ago. More information on this can be obtained from:

UQ student solves a 30 year old mathematics problem - UQ News and Two-Up in Solution Breakthroughs.

Darryn's webpage: <http://www.maths.uq.edu.au/~db>.

Rod Downey of Victoria University of Wellington (NZ) will deliver a 45-minute invited lecture at the International Congress of Mathematicians (ICM), to be held in Madrid (Spain) during August 22-30, 2006. Rod is the first New Zealand based mathematician to be awarded this honour. Rod's lecture on Algorithmic Randomness and Computability will be in the Logic and Foundations section of the ICM.

In addition, Rod will be giving an invited hour-long plenary address at the next International Congress of Logic, Philosophy and Methodology of Science at Beijing in 2007 (The logic and philosophy version of the ICM), as well as a tutorial consisting of 3 lectures at the next (2006) Logic Colloquium in Europe.

Rod's webpages: <http://www.mcs.vuw.ac.nz/people/Rod-Downey>, and <http://www.mcs.vuw.ac.nz/~downey/>.

Cheryl Praeger of the University of Western Australia was awarded a Doctorate Honoris Causa by the Free University in Brussels on November 16, 2005.

Cheryl's webpage: <http://www.maths.uwa.edu.au/~praeger/>.

Sven Reichard has taken up a 2-year Research Associate position, supported by an ARC (Australian Research Council) grant won by Alice Niemeyer and Cheryl.

Peter Adams has been promoted to a Professor at the University of Queensland.

Peter's webpage: <http://www.maths.uq.edu.au/~pa/>.

Paul Bonnington has been invited to lead a \$2.5million project on GRID computing and e-Science for the NZ tertiary sector for 18 months, starting in June this year. Paul has accepted the invitation. The project is called BeSTGRID.

Paul's webpage: <http://www.math.auckland.ac.nz/~bonning>

Congratulations and Best Wishes to everyone (Darryn, Daniel, Rod, Cheryl, Alice, Sven, Peter and Paul)!

Expression of Interest sought for Editorship of this newsletter If you are interested in taking over as editor of the CMSA newsletter from the October 2006 edition, please contact the current editor Prabhu Manyem (p.manyem at ballarat.edu.au), or the CMSA president Paul Bonnington (p.bonnington at auckland.ac.nz).

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. 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 33, are listed at the above web page, and volume 34 will appear shortly. We also now have free public access to the full papers in Volumes 1 to 24 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](mailto:ajc@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, 2006. Please email items to me ONLY in plain text format.

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