CMSA E-Newsletter 21

From Combinatorics Wiki

CMSA E-Newsletter 21 (June 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 (Eyal Loz, University of Auckland, NZ) at: eyalloz at gmail.com

CLOSING DATE for Issue 22: September 30, 2006. (Please email items to the newsletter editor 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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- 17th Australasian Workshop on Combinatorial Algorithms (AWOCA 2006), Uluru (near Ayers Rock) and Kings Canyon, NT, Australia, JULY 12-19, 2006.
- Workshop on Geometric and Topological Combinatorics, Universidad de Alcala (UAH), Alcala de Henares, Spain, August 31 to September 5, 2006.
- Fifth Cracow Conference on Graph Theory, Ustron, Poland, September 11-15, 2006.
- 50th Annual Meeting of the Australian Mathematical Society, Macquarie University, Sydney, September 25-29, 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.

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* RECENT NEWS OF CMSA MEMBERS and others
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- Anne Street, Colin Ramsay and Diane Donovan win an ARC Discovery grant
- Igor Shparlinski elected to the Australian Academy of Science

1. Australasian Journal of Combinatorics

AIMS of the newsletter:

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  * 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
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FUTURE WORKSHOP AND CONFERENCE ANNOUNCEMENTS 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, 2006 (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.

Workshop on Geometric and Topological Combinatorics, Universidad de Alcala (UAH), Alcala de Henares, Spain A workshop on Geometric and Topological Combinatorics will be held as a satellite conference of ICM 2006. The workshop dates are from August 31 to September 5, 2006.

Workshop website: http://www2.uah.es/gtc06/

The International Congress of Mathematicians (ICM 2006) will be held in Madrid (Spain) during August 22-30, 2006. The ICM website: http://www.icm2006.org/

WORKSHOP TOPICS: Geometric and/or topological combinatorics concerns discrete structures that arise in a wide array of mathematical contexts, ranging from enumerative questions about polytopes and other constructions from linear algebra to the topology of manifolds and algebraic varieties. This workshop is intended as an informal discussion forum for people from such fields as combinatorics, discrete geometry, algebraic geometry, convex geometry, algebraic topology, combinatorial optimization and theoretical computer science, among others.

INVITED SPEAKERS Alexander Barvinok, University of Michigan Stefan Felsner, Technische Universität Berlin Victor Reiner, University of Minnesota Neil Sloane, AT&T Research Ileana Streinu, Smith College

For more information on the workshop, go to http://www2.uah.es/gtc06/ or contact the organizers at: francisco.santos@unican.es

USTRON 2006, Ustron, Poland The Faculty of Applied Mathematics at the AGH University of Science and Technology announces the Fifth Cracow Conference on Graph Theory ("USTRON '06"), to be held in Ustron, Poland, during September 11-15, 2006.

The meeting will be next in the series of former Cracow Conferences on Graph Theory organized in Niedzica (1990), Zakopane (1994), Kazimierz Dolny (1997) and Czorsztyn (2002).

The conference proceedings volume will appear in the series Electronic Notes in Discrete Mathematics. Selected papers presented at the conference will be published in the special issue of Discrete Mathematics dedicated to 5th Cracow Conference on Graph Theory.

Several distinguished mathematicians have confirmed their participation as invited speakers: Charles Colbourn, Peter L. Hammer, Michal Karonski, Gyula O.H. Katona, Charles C. Lindner, Bojan Mohar, Bruce Reed, Alexander Rosa and Xuding Zhu.

The conference site is the Belweder Hotel (http://www.hotelbelweder.pl/index_e.php). It is located in Ustron-Zawodzie, the well known health resort in Beskidy Mountains.

For registration and daily updated details, please visit our website: http://home.agh.edu.pl/~graphs.

Mariusz Meszka Sylwia Cichacz Aneta Dudek Artur Fortuna Agnieszka Gorlich (The Organising Committee)

50th Annual Meeting of the Australian Mathematical Society Macquarie University, Sydney, Australia, will host the the 50th Annual Meeting of the Australian Mathematical Society during September 25-29, 2006.

Web: http://www.maths.mq.edu.au/austms06/homepage.html.

There will be Special Sessions in 15 areas, including a Special Session on Combinatorics and Geometry. The deadline for submissions of contributed talks is the 25th of August.

For all enquiries about the Combinatorics and Geometry session, please contact the session organisers, Catherine Greenhill (csg@unsw.edu.au) or Ole Warnaar (O.Warnaar@ms.unimelb.edu.au).

Confirmed plenary speakers include: Pascal Auscher, Robert Bartnik, Michael Batanin, Steven Evans, Peter Forrester, Andrew Hassell, Frank de Hoog, Adrian Lewis, Ngaiming Mok, Christopher Skinner, Terence Tao, Katrin Tent, Claire Voisin, and Xu-Jia Wang.

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

Anne Penfold Street, Colin Ramsay and Diane Donovan of the University of Queensland have won an ARC (Australian Research Council) Discovery grant valued at $252,000 (AUD) for the period 2006-2008.

The project is entitled Security applications of combinatorial puzzles. Ken Gray and James Le Fevre have been hired as part-time researchers to work on this project.

Anne's webpage: http://www.maths.uq.edu.au/~aps.

Igor Shparlinski of Macquarie University has been elected to the Australian Academy of Science. The announcement can be found at http://www.science.org.au/media/newfel2006.htm.

Igor's webpage: http://www.ics.mq.edu.au/~igor.

Congratulations to Anne, Colin, Diane and Igor!

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 34, are listed at the above web page, and volume 35 is currently being posted out. 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. 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: September 30, 2006. Please email items to the newsletter editor ONLY in plain text format. Editor Eyal Loz's email: eyalloz at gmail.com (Eyal is at the University of Auckland, NZ)

Prabhu Manyem, School of Information Technology and Mathematical Sciences, University of Ballarat, Victoria 3350, Australia. Phone: +61 3 5327 9814. Fax: +61 3 5327 9289. Email: p.manyem at ballarat.edu.au