CMSA E-Newsletter 15

From Combinatorics Wiki

COMBINATORIAL MATHEMATICS SOCIETY OF AUSTRALASIA (INC) E-Newsletter 15 (June 2004)
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 16: September 30, 2004. (Please email items to me ONLY in plain text.)

CMSA WEB PAGE: http://www.maths.uq.edu.au/~db/CMSA/cmsa.html

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/~ejb/history.html

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- Symposium on Polynomial-Based Cryptography Melbourne, Australia, JULY 7-12, 2004.
- NZIMA Workshop on Combinatorics and Applications Auckland, New Zealand, JULY 12-16, 2004.
- COMBINATORICS '04 Capomulini, Catania, Sicily, Italy, SEPTEMBER 13-18, 2004.
- AUSTMS04: Australian Mathematics Society Annual Meeting (Combinatorics Special Session) RMIT University, Melbourne, Australia, SEPT.28 - OCT.1, 2004.
- Second Prairie Discrete Mathematics Workshop, Lethbridge, Alberta, Canada, OCTOBER 1-3, 2004.
- 29ACCMCC and the 2004 NZIMA Conference in Combinatorics Copthornes-Manuels, Lake Taupo, New Zealand, DECEMBER 13-18, 2004.
- Conference on Combinatorics in Honour of Frank K. Hwang's 65th Birthday Hsin Chu, Taiwan, MAY 19-21, 2005.
- A few useful conference webpages.

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  * RECENT NEWS OF CMSA MEMBERS and VISITORS
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- Roger Eggleton visits the University of Newcastle during MAY-AUG 2004.
- News from Rebecca Gower, Lawson Software, UK.
- Sanming Zhou, Department of Maths and Stats, University of Melbourne, bags the 2003 Kirkman Medal of the ICA.
- Anne Street hands over Directorship of the Centre for Discrete Mathematics and Computing (University of Queensland) to Elizabeth Billington.

* Six-month thematic programme on COMBINATORICS AND ITS APPLICATIONS, New Zealand Institute of Mathematics & its Applications (NZIMA), July-Dec, 2004.

* University of Tasmania will hire a new Head soon for its School of Computing

* Australian bank account of ICA (The Institute of Combinatorics and its Applications) is now closed

* 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 AWOCA 2004, Ballina Beach Resort, NSW, Australia The 15th Australasian Workshop on Combinatorial Algorithms, July 7-9, 2004.

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, and New Paradigms of Computation.

Organising Committee: Peter Eades, Seokhee Hong, Barbara Munday, and Prabhu Manyem.

Program Committee: Diane Donovan, Peter Eades (co-chair), Seokhee Hong (co-chair), Andrei Kelarev, Thierry Lecroq, Prabhu Manyem, Mirka Miller, Kunsoo Park, Jamie Simpson, Josef Siran, Bill Smyth, and a few others.

Conference Location: Ballina Beach Resort, NSW, Australia, July 7-9, 2004.

Please see the webpage at http://linus.levels.unisa.edu.au/~pmanyem/awoca for details.

Peter Eades (Chairman, Organising Committee): awoca2004-at-nicta.com.au

The NZIMA Workshop on Combinatorics and its Applications, Auckland, New Zealand

The New Zealand Institute of Mathematics and its Applications (NZIMA) will host a workshop on Combinatorics and its Applications during July 12-16, 2004. The venue will be the University of Auckland.

More details can be obtained from the NZIMA Combinatorics website: http://www.nzima.auckland.ac.nz/combinatorics/workshop.html

Symposium on Polynomial-Based Cryptography, Melbourne, Australia http://www.it.deakin.edu.au/cryptography2004 July 7-12, 2004 (supported by AMSI)

Topic: The topic of this symposium is the study of cryptographic schemes based on polynomial algebras.

Organisers: Lynn Batten (Deakin), Kathy Horadam (RMIT), Igor Shparlinski (Macquarie), Andreas Stein (Illinois), Hugh Williams (Calgary).

Invited speakers (partial list): John Cannon (Australia), Gary Carter (Australia), Kwangjo Kim (Korea), Bill Millan (Australia), Josef Pieprzyk (Australia), Alf van der Poorten (Australia), Andreas Stein (USA), Hugh Williams (Canada).

Format: The symposium will be Oberwolfach-style - casual, with talks of various lengths from invited participants. However, there will be some space for contributed talks, abstracts for which should be submitted by June 4. There will be a student day on June 11 and an industry workshop on June 12.

Additional information is available from Lynn Batten (lmbatten-at-deakin.edu.au) or Hugh Williams (williams-at-math.ucalgary.ca) and from http://www.it.deakin.edu.au/cryptography2004.

COMBINATORICS '04, Capomulini, Catania, Sicily, Italy September 13-18, 2004.

Deadline for submission: May 31, 2004.

Website: www.dmi.unict.it/combinatorics04

More information can be obtained from Mario Gionfriddo: gionfriddo-at-dmi.unict.it

Special Session in Combinatorics (Australian Mathematics Society Meeting), Melbourne, Australia http://www.ma.rmit.edu.au/austms04/ September 28 - October 1, 2004

The 48th Annual Meeting of the Australian Mathematics Society will be held at RMIT University from September 28th to October 1st 2004.

Asha Rao (RMIT) and Brendan McKay (ANU) are organising a special session in Combinatorics, which is cosponsored by CMSA.

Members of CMSA are strongly urged to contribute talks to this session. Also if there is someone visiting who you think would like to speak, please encourage them to do so. Abstracts can be sent to either Asha (asha-at-rmit.edu.au) or Brendan (bdm-at-cs.anu.edu.au).

Check out the (smashing, new look) website at http://www.ma.rmit.edu.au/austms04/.

The registration details should be up shortly.

Second Prairie Discrete Mathematics Workshop, Lethbridge, Alberta, Canada OCTOBER 1-3, 2004.

The second Prairie Discrete Mathematics workshop will be held at the University of Lethbridge (Lethbridge, Alberta, Canada), from October 1 (Friday) to October 3 (Sunday), 2004.

For further details, contact Hadi Kharaghani at: kharaghani-at-uleth.ca

The 2004 NZIMA Conference in Combinatorics and The 29th Australasian Conference in Combinatorial Mathematics and Combinatorial Computing (29th ACCMCC) (Joint Conferences) Copthornes-Manuels, Lake Taupo, NZ, DECEMBER 13-18, 2004.

Topics include: Graph Theory, Matroid Theory, Design Theory, Coding Theory, Enumerative Combinatorics, Combinatorial Optimisation, and Combinatorial Computing and Theoretical Computer Science.

Organising Committee:

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  * ACCMCC:   Brendan McKay   and   Ian Wanless,
  * NZIMA:    Geoff Whittle   and   Paul Bonnington.
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Accommodation options range from Backpackers/lodge-style (~FREE to NZ$30 per night), 1 and 2 bedroom Motels units (~NZ$90-$120 twin share per night) through to Luxury Studio (~NZ$160 per night)

All enquiries to Paul Bonnington: p.bonnington-at-auckland.ac.nz.

Conference Webpage: http://www.nzima.auckland.ac.nz/combinatorics/conference.html.

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

A few useful conference webpages:

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

Roger Eggleton of Southern Illinois University (USA) will be visiting the University of Newcastle, Newcastle, New South Wales, Australia from May 17 to August 15, 2004. His host is Jim MacDougall, whose email is: Jim.MacDougall-at-newcastle.edu.au

News from Rebecca Gower in the UK: Chris Tandy (my husband) and I are expecting a baby in October! Our email address: Rebecca-at-christandy.org (Congratulations to Rebecca!)

News from Sanming Zhou of the University of Melbourne: Glad to inform all of you that I have been awarded the 2003 Kirkman Medal of the Institute of Combinatorics and its Applications (ICA). On the career front, I recently started working as a Lecturer on a continuing basis in the Operations Research Group of the Department of Mathematics and Statistics, The University of Melbourne. I have resigned from my APD (Australian PostDoctoral) fellowship which I held since the beginning of 2003 in the same department. (My Email: S.Zhou-at-ms.unimelb.edu.au) (Congratulations to Sanming!)

News from Anne Street: On May 31, Elizabeth (Liz) Billington took over as Director of the Centre for Discrete Mathematics and Computing at the University of Queensland from Anne Street (aps-at-maths.uq.edu.au). The brand new CDMC website (http://www.maths.uq.edu.au/cdmc) is now operational.

SIX-MONTH THEMATIC PROGRAMME ON COMBINATORICS AND ITS APPLICATIONS New Zealand Institute of Mathematics & its Applications (NZIMA), July-Dec, 2004

Last year, the New Zealand government established five Centres of Research Excellence. This initiative was to encourage world-class research, which will contribute to New Zealand's development. The New Zealand Institute of Mathematics & its Applications (NZIMA) is one of the new Centres of Research Excellence, formed as a partnership between the University of Auckland (its host) and the NZ Mathematics Research Institute (Inc.).

We are pleased to announce that the NZIMA will run a special 6-month thematic programme in Combinatorics and its Applications, July-December 2004. This programme will involve a concentrated period of activity centred around a workshop at the University of Auckland in July 2004 and a conference in December 2004, participation by visiting lead experts, and the appointment of a two-year postdoctoral fellow and a number of postgraduate research students. Besides Combinatorics, additional points of focus will be applications to computational biology, complexity theory, theoretical computer science and abstract algebra -- areas that are already well developed in New Zealand.

All enquiries to the two co-directors of the NZIMA programme: Paul Bonnington: p.bonnington-at-auckland.ac.nz, or Geoff Whittle: geoff.whittle-at-vuw.ac.nz.

Webpage: http://www.nzima.auckland.ac.nz/combinatorics/.

University of Tasmania will hire a new Head soon for its School of Computing

CMSA members specialising in Combinatorial Computing may be interested to know that our university (University of Tasmania) is planning to advertise for a new Professor and Head for our School of Computing. We will be looking for a strong researcher. At present, the intention is to advertise in June-July 2004, so that the person hired will begin work in 2005.

Andrei Kelarev (Andrei.Kelarev-at-utas.edu.au).

The Australian bank account of ICA is now closed

The Australian bank account of ICA (The Institute of Combinatorics and its Applications) has been closed. Payment of dues may be made in either of the following ways:

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   * by Visa card.  Send the name as it appears on the card, the card number, and the expiry date to the
ICA Registrar:  Ernest Ruet d'Auteuil, The Institute of Combinatorics and its Applications, 81 Walnut
Street, Winnipeg, Manitoba, Canada, R3G 1N9.
   * by cheque for the equivalent amount in Australian dollars, which our bank in Winnipeg can now
handle.
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Note: A cheque in US dollars can be processed in Winnipeg, but only if it is issued on a US bank with the nine-digit American Banking Association (ABA) number micro-encoded on the cheque.

Anne Street (aps-at-maths.uq.edu.au) Centre for Discrete Mathematics and Computing

The AUSTRALASIAN JOURNAL OF COMBINATORICS:

The web page for the Australasian Journal of Combinatorics is at http://ajc.math.auckland.ac.nz/. This has 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 29, are listed at the above web page. We also now have free public access to the full contents of Volumes 1 to 21 inclusive. A new volume is added every six months, so that all but the last four years are available free.

Submissions to the AJC 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, 2004. Please email items to me ONLY in plain text format.

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