

THIRD DEBATE ON MATHEMATICAL RESEARCH IN PORTUGAL

Porto, 25 October 2003

ORGANIZERS: José Ferreira Alves (Univ. Porto), José Miguel Urbano (Univ. Coimbra).

This event will take place at the Pure Mathematics Department, University of Porto.

THEMES

- Evaluation and Funding
- The Challenge of Excellence
- Mathematical Research in Industry

For more information on this event, please visit the site

<http://www.fc.up.pt/cmup/jfalves/debate/>

CIM NEWS

ERCOM

CIM has been for some years a member of ERCOM, a network of European Research Centres on Mathematics.

ERCOM is an European Mathematical Society committee consisting of Scientific Directors of the member Centres, or their chosen representatives. Only centres for which the number of visiting staff substantially exceeds the number of permanent and long-term staff and that cover Mathematical Sciences broadly are eligible for representation in ERCOM. The eligibility of centres is decided by the EMS Executive Committee.

ERCOM aims to contribute to the unity of Mathematics, from fundamentals to applications.

The purposes of ERCOM are:

- to constitute a forum for communications and exchange of information between the centres themselves and EMS
- to foster collaboration and coordination between the centres themselves and EMS
- to foster advanced research training on a European level

- to advise the Executive Committee of the EMS on matters relating to activities of the centres
- to contribute to the visibility of the EMS
- to cultivate contacts with similar research centres within and outside Europe

The current members of ERCOM are:

- **Abdus Salam International Centre for Theoretical Physics**, Trieste, Italy.
www.ictp.trieste.it
- **Centre International de Rencontres Mathématiques**, Luminy, France.
www.cirm.univ-mrs.fr
- **Centre de Recerca Matemàtica**, Barcelona, Spain.
www.crm.es/
- **Centre for Mathematical Physics and Stochastics**, Aarhus, Denmark.
www.maphysto.dk

- **Centro Internacional de Matemática**, Coimbra, Portugal.
www.cim.pt
 - **Centrum voor Wiskunde en Informatica**, Amsterdam, The Netherlands.
www.cwi.nl
 - **Emmy Noether Research Institute for Mathematics**, Ramat-Gan, Israel.
www.cs.biu.ac.il/~eni
 - **Erwin Schrödinger International Institute for Mathematical Physics**, Vienna, Austria.
www.esi.ac.at
 - **Euler International Mathematical Institute**, St Petersburg, Russia.
www.pdmi.ras.ru/EIMI
 - **European Institute for Statistics, Probability and Operations Research**, Eindhoven, The Netherlands.
www.eurandom.nl
 - **Institut des Hautes Études Scientifiques**, Bures-Sur-Yvette, France.
www.ihes.fr
 - **Institut Henri Poincaré, Centre Emile Borel**, Paris, France.
www.ihp.jussieu.fr
 - **Institut Mittag-Leffler**, Djursholm, Sweden.
www.ml.kva.se
 - **International Centre for Mathematical Sciences**, Edinburgh, UK.
www.ma.hw.ac.uk/icms/
 - **Isaac Newton Institute for Mathematical Sciences**, Cambridge, UK.
www.newton.cam.ac.uk
 - **Istituto Nazionale di Alta Matematica**, Rome, Italy.
indam.mat.uniroma1.it
 - **Lorentz Center**, Leiden, The Netherlands.
www.lc.leidenuniv.nl
 - **Mathematical Research Institute**, Nijmegen, The Netherlands.
www.sci.kun.nl/mri/
 - **Mathematisches Forschungsinstitut Oberwolfach**, Oberwolfach, Germany.
www.mfo.de
 - **Max-Planck-Institut für Mathematics**, Bonn, Germany.
www.mpim-bonn.mpg.de
 - **Max Planck Institute for Mathematics in the Sciences**, Leipzig, Germany.
www.mis.mpg.de
 - **Stefan Banach International Mathematical Center**, Warsaw, Poland.
www.impan.gov.pl/BC/
 - **Thomas Stieltjes Institute for Mathematics**, Leiden, The Netherlands.
www.stieltjes.org
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CIM PUBLICATIONS

CIM has just added two more items to its series of monographs and volumes of proceedings. The complete list is now as follows:

1. Pedro V. Silva, *Introdução à Teoria Combinatória de Semigrupos Inversos*, 1996.
2. João Tiago Mexia, *Introdução à Teoria Estatística do Risco*, 1996.
3. S. A. Robertson, *Three Talks on Convex Bodies*, 1997.
4. J. A. Green, *One Hundred Years of Group Representations*, 1997.
5. Paul A. Fuhrmann, *Linear Algebra and Control - Lecture Notes*, 1998.
6. Isabel N. Figueiredo (ed.), *Escola de Elementos Finitos e Aplicações*, 1998.
7. A. Ornelas, A. C. Barroso, J. Palhoto de Matos, J. Matias and P. Pedregal (ed.), *Mathematical Methods in Materials Science and Engineering - International Summer School*, 1999.
8. Grant Walker, *Some Aspects of the Action of Matrices over F_p on Polynomials*, 1998.
9. J. F. Queiró (ed.), *A Investigação Matemática em Portugal: Tendências, Organização e Perspectivas*, 1999.
10. Nazaré M. Lopes and E. Gonçalves (ed.), *On Non-parametric and Semiparametric Statistics*, 1999.
11. A. Sequeira (ed.), *International Summer School on Industrial Mathematics*, 1999.

12. A. Sequeira (ed.), *International Summer School on Computational Fluid Dynamics*, 1999.
13. A. Sequeira (ed.), *Navier-Stokes Equations and Related Topics (International Summer School)*, 1999.
14. L. Trabucho and J. F. Queiró (ed.), *O ensino da Matemática na universidade em Portugal e assuntos relacionados*, 2000.
15. M. Field, *Complex Dynamics in Symmetric Systems*, 2000.
16. M. Golubitsky and I. Stewart, *The Symmetry Perspective: From Equilibria to Chaos in Phase Space and Physical Space*, 2000.
17. L. N. Vicente (ed.), *Segundo Debate sobre a Investigação Matemática em Portugal*, 2001.
18. J. M. Guedes and H. Rodrigues (ed.), *Bone Mechanics: Mathematical and Mechanical Models for Analysis and Synthesis*, 2002.
19. J. Martins and E. B. Pires (ed.), *Mathematical and Computational Modeling of Biological Systems*, 2002.

The complete text of volumes 9, 14 and 17 (the proceedings of the three CIM debates) can be found online at the CIM website.

RESEARCH IN PAIRS AT CIM

CIM has facilities for research work in pairs and welcomes applications for their use for limited periods.

These facilities are located at Complexo do Observatório Astronómico in Coimbra and include:

- office space, computing facilities, and some secretarial support;
- access to the library of the Department of Mathematics of the University of Coimbra (30 minutes away by bus);
- lodging: a two room flat.

At least one of the researchers should be affiliated with an associate of CIM, or a participant in a CIM event.

Applicants should fill in the electronic application form

http://www.cim.pt/cim.www/cim_app/application.htm

CIM ON THE WWW

Complete information about CIM and its activities can be found at the site

<http://www.cim.pt>

This is mirrored at

<http://at.yorku.ca/cim.www/>
