

**Canadian Mathematical Society
CMS Summer Meeting 2003
University of Alberta
Edmonton, Alberta**

Scientific Report

The 2003 CMS Summer Meeting was held at the University of Alberta on June 14-16, 2003, and welcomed 348 participants. The meeting began with Robert Moody (Alberta) delivering a Public Lecture entitled Tilings: an evening excursion to the zoo. The event, held at the Telus Center, drew a large audience and was followed by a welcoming reception.

Other special events included plenary talks delivered by:

- **Ingrid Daubechies** (Princeton University),
- **Roland Glowinski** (University of Houston),
- **Gerhard Huisken** (Tuebingen/Albert Einstein Institute),
- **James Lepowsky** (Rutgers University),
- and **Dennis Shasha** (Courant Institute).

The Canadian Mathematical Society was pleased to present lectures from their research prize winners, specifically, the CMS Jeffery-Williams Lecture, given by Ram Murty (Queen's University) and the CMS Krieger-Nelson Lecture, given by Leah Keshet (University of British Columbia).

A wide variety of fields of interest were represented in the symposia topics detailed belows:

- ***Algebraic and Geometric Topology*** (Org: George Peschke, University of Alberta, Laura Scull, University of British Columbia, and Peter Zvengrowski, University of Calgary)
- ***Approximation Theory and Applied Harmonic Analysis*** (Org: Bin Han and Rong-Qing Jia, University of Alberta)
- ***Computational and Analytical Techniques in Modern Applications*** (Org: Peter Minev, University of Alberta)
- ***Conformal Field Theory*** (Org: Terry Gannon, University of Alberta, and Mark Walton, University of Lethbridge)
- ***Design Theory and Coding Theory*** (Org: John van Rees, University of Manitoba)
- ***Discrete Mathematics*** (Org: Vaclav Linek, University of Winnipeg)
- ***Dynamical Systems*** (Org: Michael A. Radin, Rochester Institute of Technology)
- ***Industrial Mathematics*** (Org: Biao Huang, Yanping Lin and Shijie Liu, University of Alberta)
- ***Infinite Dimensional Dynamical Systems*** (Org: Thomas Hillen, University of Alberta and XiaoQiang Zhao, Memorial University of Newfoundland)
- ***Mathematical and Computational Finance*** (Org: Tahir Choulli and Jie Xiong, University of Alberta)
- ***New and Successful Courses and Programmes in Mathematics*** (Org: Ted Lewis, University of Alberta)
- ***Physics and Geometry*** (Org: Maung Min-Oo, McMaster University, and Eric Woolgar, University of Alberta)
- ***Real Analysis*** (Org: Erik Talvila, University of Alberta)

Rounding out the programme was a session of ***Contributed Papers***.

Two related activities were organized separately from the meeting.

The 2003 Project NExTMAC National Workshop
<http://www.math.mun.ca/~nextmac/> and the
Conference for Women Graduate Students in Mathematics
<http://www.cms.math.ca/bulletins/2003/cwimac03.e>

These events were very successful and their organizers and sponsors are to be congratulated. Being able to coordinate the dates and locations for such related activities is of benefit to all the attendees who have the opportunity to get the most value out of their trip.

The Meeting Committee would like to acknowledge with much thanks the financial support of the following:

- The National Programme Committee (a joint funding body of the Centre de recherches mathématiques, The Fields Institute for Research in Mathematical Sciences, and The Pacific Institute for the Mathematical Sciences)
- University of Alberta, Department of Mathematical and Statistical Sciences
- University of Alberta Conference Fund
- University of Alberta Faculty of Science
- University of Alberta Theoretical Physics Institute
- University of Alberta Applied Mathematics Institute
- University of British Columbia Faculty of Science
- University of British Columbia Mathematics Dept
- University of Lethbridge
- Perimeter Institute for Theoretical Physics
- Canadian Institute for Theoretical Astrophysics
- Nelson, A Thomson Company

Meeting Committee

Meeting Director : YanPing Lin (Alberta)
T. Choulli (Alberta)
Terry Gannon (Alberta)
Bin Han (Alberta)
Thomas Hillen (Alberta)
B. Huang (Alberta)
RongQing Jia (Alberta)
Y. Lin (Alberta)
Vazz Linek (Winnipeg)
S. Liu (Alberta) Ted Lewis (Alberta)
Peter Minev (Alberta)
Maung Min-Oo (McMaster)
George Peschke (Alberta)
Michael A. Radin (Rochester Institute of Technology)
Erik Talvila (Alberta)
John van Rees (Manitoba)
Laura Scull (UBC)
Tony Ware (Calgary)
Eric Woolgar (Alberta)
Mark Walton (Lethbridge)
Graham Wright (CMS ex-officio)
XiaoQiang Zhao (Memorial)
Peter Zwengrowski (Calgary)

Local Arrangements

Chair : Eric Woolgar (Alberta)
MoniqueBouchard (CMS ex-officio).