The Summer 2006 Meeting of the Canadian Mathematical Society welcomed approximately 300 participants.

Following the usual format of the CMS Summer Meeting, the program included a wide variety of special sessions, plenary and prize lectures, and a public lecture celebrating the University of Calgary's 40th anniversary.

All activities and scientific talks were held at the Westin Hotel and the Delta Bow Valley Hotel.

Plenary Lectures

Steve Awodey (Carnegie Mellon University), *Algebraic Set Theory*

John Conway (Princeton)

Nicole el Karoui (École Polytechnique, Paris, France), *Derivatives Market: Recent developments in pricing, hedging and measuring market risk exposure*

Nigel Kalton (University of Missouri), *Extensions of Banach spaces and their applications*

Alexander S. Kechris (California Institute of Technology,), *Logic, Ramsey theory and topological dynamics*

László Lovász (Microsoft,), *Very large graphs*

Dave Marker (University of Illinois at Chicago,), *Model Theory and Exponentiation*

Public Lecture

The public lecture was given by William Pulleyblank (IBM), and was titled "*From paper tape to the internet to BlueGene-forty years of computing history*".

The public lecture took place on Friday, June 2, in the evening. The lecture was an early kick-off for the meeting and had a relatively large audience extending beyond the meeting participants, and including a good number of interested people from the local community.

Prize Lectures

The meeting included lectures given by the winners of the Krieger-Nelson and Coxeter-James Lecture research prizes of the CMS, and also a lecture given by the winner of the CMS prize for Excellence in Teaching. These were as follows:

Krieger-Nelson Lecture: Penny Haxell (Waterloo), *Independent transversals*

Coxeter-James Lecture: Jim Geelen (Waterloo), *An overview of the matroid minors project*

CMS Excellence in Teaching Award: Frédéric Gourdeau (Université Laval), *Mathematical education: a mathematician's perspective / Education mathématique : la vision d'un mathematician*

Special Sessions

The meeting hosted 12 parallel special sessions, covering a wide range of mathematical research interests, including a Joint CMS/CMESG Education Session. Details and abstracts of the talks can be found on the web site of the meeting, at http://www.cms.math.ca/Events/summer06/

Category Theory, Org: Robin Cockett (Calgary)

Differential Equations and Dynamical Systems, Org: Elena Braverman (Calgary), Michael Y. Li (Alberta)

Discrete and Convex Geometry, Org: Karoly Bezdek (Calgary), Jozsef Solymosi (UBC)

Game Theory / Number Theory, Org: Richard Nowakowski (Dalhousie), Bill Sands (Calgary), Hugh Williams (Calgary), Robert Woodrow (Calgary)

Joint CMS/CMESG Education Session, Org: Peter Taylor (Queen's)

L-functions, Automorphic Forms and Representation Theory, Org: Amir Akbary (Lethbridge), Clifton Cunningham (Calgary)

Mathematical Finance, Org: Len Bos, Anatoliy Swishchuk (Calgary)

Model Theory, Org: Patrick Speissegger (McMaster)

Positivity in Functional Analysis and Applications, Org: Charalambos Aliprantis (Purdue), Vladimir Troitsky (Alberta)

Recent Work in History of Mathematics, Org: Tom Archibald (SFU)

Set Theory and Infinitary Combinatorics, Org: Stevo Todorcevic (Toronto)

Symmetry in Geometry, Org: Ted Bisztriczky (Calgary), Ferenc Fodor (Szeged, Hungary; Calgary), Richard K. Guy (Calgary), Asia Weiss (York)

Sponsors

Support from the following institutions was gratefully acknowledged:

- Canadian Mathematical Society
- University of Calgary, 40th anniversary
- University of Calgary, Faculty of Science
- University of Calgary, Department of Mathematics & Statistics
- The Fields Institute for Research in Mathematical Sciences
- Pacific Institute for the Mathematical Sciences

Meeting Director:
Claude Laflamme (Calgary)

Local Arrangements
Chair: Tony Ware (Calgary)
Graham Wright (CMS, ex-officio)
Gertrud Jeewanjee (CMS, ex-officio)