2014 Fall Eastern Sectional Meeting of the AMS

Dalhousie University, Halifax, Canada
Oct 18–19, 2014

Report

The 2014 Fall Eastern Sectional Meeting of the AMS was held at Dalhousie University on Oct 18–19, 2014.

The scientific program consisted of four invited lectures by Sujatha Ramdorai (UBC), William M. Goldman (Maryland), Sourav Chatterjee (Stanford), and François Bergeron (UQAM). There were also 14 special sessions:

- Advances in Harmonic Analysis and Partial Differential Equations (D. Cruz-Uribe, S. Rodney)

- Combinatorial Representation Theory (C. Ballantine, R. Orellana, M. Rosas)

- Commutative Algebra and Its Interactions with Algebraic Geometry (S. M. Cooper, S. Faridi, W. Traves)

- Differential Geometry and Mathematical Physics (V. Charette, K. Melnick)

- Experimental Mathematics in Number Theory, Analysis, and Combinatorics (M. Chamberland, K. Dilcher)

- Games on Graphs (J. Brown, J. Janssen, R. Nowakowski)

- Generalized Catalan Algebraic Combinatorics (F. Bergeron, F. Saliola, H. Thomas, N. Williams)

- General Relativity (J. Gegenberg, A. Coley, I. Booth, H. Kunduri, S. Seahra, V. Husain)

- Hopf Algebras (Y. Bahturin, M. Beattie, M. Mastnak)

- New Directions in Category Theory (P. Hofstra, D. Pronk)

- p-adic Methods in Arithmetic (H. Darmon, A. Iovita, S. Ramdorai)

- Sampling Theory (J. J. Benedetto, J.-P. Gabardo, O. Yilmaz)

- Special Functions and Their Applications (M. E. H. Ismail, N. Saad)

- Symbolic Dynamics and Combinatorics on Words (S. Brlek, R. Yassawi)

Many of the special sessions were at the cutting edge of their respective research areas. Among the scientific successes, let me highlight the special session on Sampling Theory. It was considered a great success, and was also connected to the invited lecture by Sourav Chatterjee, who was also an invited speaker at the recent ICM in Seoul. Dr. Chatterjee's lecture, which was on the probability of rare events, was very well received.

The conference had 243 registered participants. This included 66 from the Atlantic Region (43 from Nova Scotia, 14 from New Brunswick, 6 from Newfoundland, and 3 from Prince Edward Island) and 61 from the rest of Canada. There were also 97 participants from the U.S., as well as 19 participants from other countries (Argentina, Barbados, Belgium, Brazil, France, Germany, Great Britain, Italy, Mexico, and Spain).

AMS Sectional Meeting Income Statement

Revenues

AARMS	C$2,691.33
American Mathematical Society	C$4,545.45
Dalhousie Faculty of Science	C$2,000.00
Dalhousie President's Office	C$3,000.00
Total Revenue	**C$12,236.78**

Expenses

Audio-visual	C$2,022.00
Catering	C$4,198.00
Custodial	C$282.50
Facilities Management	C$271.20
Room Rental Charges	C$3,940.00
Security	C$648.00
Staffing	C$875.08
Total Expenses	**C$12,236.78**