Combinatorial Algebra meets Algebraic Combinatorics

January 23-25, 2015
organizers: Mike Roth, Greg Smith, Hugh Thomas

This conference, the eleventh in its annual series, was held at Queen's University in Kingston, Ontario. The conference included 16 talks over three days. The conference had forty participants, with five of them being from Atlantic Canada (2 faculty members and 3 graduate students). Topics included some familiar from other years, such as Hopf algebras (as in the contributed talks by Amy Pang and Yannic Vargas), and some less familiar ones, such as Schubert calculus (which appeared in the invited talk of Cristian Lenart as well as contributed talks by Dominic Searles and Anna Bertiger). The talk by Patricia Hersh, discussing her recent paper in Inventiones, on regular cell complexes and total positivity, was a highlight. We were also happy to welcome Mats Boij back as an invited speaker again; one of the founders of Boij-Söderberg theory, and a faculty member at KTH in Stockholm, he has attended the conference several times.

Expenses:

Coffee Breaks and Lunch: $1,904.00
Invited Speakers: $2,372.13
Junior participants (national): $2,360.63
Junior participants (Atlantic region): $2286.84

Total: $8,923.60

The funding sources:

Fields: $4,500.00
Queen's: $2136.76
AARMS: $2000.00
UNB: $286.84

Total: $8,923.60