The 2013 AARMS Session of the Science Atlantic Combinatorial Conference

The AARMS Session of the Science Atlantic Combinatorial Conference in 2013 was the first event hosted by the newly formed Games and Graphs AARMS collaborative research group. The goal of the research group is to promote research in graph theory and combinatorial game theory at all levels and a core interest is the interaction of graphs and disciplines outside of graph theory, and the structures that arise. A major emphasis is on interactions that have a dynamical aspect.

The purpose of this session was to:

> ➢ Support and bring together researchers in discrete mathematics in Atlantic Canada encouraging the sharing of ideas and problems.
> ➢ Highlight the major theoretical advances and applications in the area along with the development of new tools.
> ➢ Encourage active participation for undergraduate and graduate students providing exposure to new talent.
> ➢ Provide an opportunity to begin new collaborations.

The session featured contributed graduate student presentation, two keynote speakers, Dr. Ortrud Oellermann of the University of Winnepeg (Reconstructing a Graph from its Digitally Convex Set) and Dr. Andrew Beveridge of Macalester College (Maker-Breaker Games on Random Geometric Graphs), a discussion on open problems in the field as well as time dedicated for researchers to break into smaller groups.

This year's session was by all reports a success. The session had thirty-six participants, including fourteen faculty from the Atlantic region, the two keynote speakers and the Blundon Lecturer, Dr. Anthony Bonato, who presented related research on Friday. Problems of various levels were presented and the open problem session had to be extended to allow time for discussions to be completed. Several new collaborations were formed.

The session organizers would like to thank the AARMS for their generous support. A financial summary is given below.

Expenses:
Guest Speakers
  Oltrud Oellermann

Hotel	$169.82
Flight and Per Diem	$916.19
Andrew Beveridge	
Hotel	$509.45
Flight and Per Diem	$1097.54

Income:

AARMS	$2500
AARMS Games and Graph Collaborative Research Group	$193.00