

## Graph Searching Session Report

Graph Searching was an AARMS sponsored session at this years joint CMS/CSHPM Summer Meeting held at Memorial University of Newfoundland on June 6-8. This was an exciting session that brought together both national and international speakers. What's more, it offered an opportunity for post-docs as well as established faculty to share their research.

Talks were given by Anthony Bonato, Ehsan Chiniforooshan, Nancy Clarke, and Jan Kratochvil on variations of the Winkler, Nowakowski and Quillot cops and robber game. Danny Dyer and Bert Hartnell spoke about some new results on the watchman problem. Art Finbow discussed graph resiliency, and expected damage from random attacks. Stephen Finbow discussed the fire-fighting problem. Margaret-Ellen Messinger, Richard Nowakowski, and Pawel Pralat spoke about cleaning networks with brushes and brooms. Finally, Boting Yang spoke about some new results in the graph guarding game introduced by Fomin et al. The event was attended by 20 participants, 13 from the region, and 7 national/international participants.

In short, there were a number of very interesting talks on a variety of different problems all falling under the "big tent" of graph searching. Many thanks go out to AARMS and the Atlantic Canadian community for helping to make this session (and the entire meeting) a resounding success.

Anthony Bonato, Ryerson University  
Danny Dyer, Memorial University of Newfoundland  
Gary MacGillivray, University of Victori

### Budget

Travel claims:

Pralat Pawel	\$493.33	
Nancy Clarke	\$997.47	
Ehsan Chiniforooshan	\$210.00	
Margaret-Ellen Messinger	\$491.60	
Jan Kratochvil	\$2000.00	
Danny Dyer (registration)	\$310.00	\$4502.40
Room Rental		\$520.00
Audio-visual equipment		\$138.89
Catering (12 speakers)		\$360.00
Total expenses		<b>\$5515.29</b>
Received from AARMS		<b>\$5000.00</b>