January 15, 2014

David Langstroth
AARMS Executive Administrator

Dear David,

This is to report on the 25th Canadian Conference on Computational Geometry and the Summer School in Geometry and Data Structures which were held August 5th–10th in 2013 and followed by the Conference on Space Efficient Data Structures, Streams and Algorithms held from August 15th and 16th, 2013.

The Summer School consisted of two three-day research courses taught by Dr. J. Ian Munro and Dr. Timothy Chan. The day's events consisted of two 90 minute sessions separated by a 30 minute break in the morning and homework sessions in the afternoon. The exercises given consisted of advance research problems and were marked by a teaching assistant (Stephen Kiazyk). The two best students at the end of the week received a small token of recognition. There were 40 students attending the Summer School, 30 of which received travel funding.

This was followed by the 25th Canadian Conference on Computational Geometry with 93 participants of whom 45 were graduate students. There were two invited lectures given by Dr. Alla Sheffer (UBC) and Dr. Sue Whitesides (University of Victoria) on recent developments in Computational Geometry.

Lastly the Conference on Space Efficient Data Structures, Streams and Algorithms took place with 80 registrants. This conference attracted some of the world's foremost experts in data structures and algorithms. One of the highlights of this conference was the presentation of the paper "In pursuit of the dynamic optimality conjecture" by Dr. John Iacono, with an extremely interesting turn on this conjecture regarding the existence of certain type of data structure. In this work, it was shown that if such data structure exists, then the one proposed by Dr. Iacono also meets said requirements. In other words, this gives a provable explicit candidate for the conjecture to hold, and if this candidate fails, so does every other possible solution.

There were three attendants with Atlantic University affiliations to the events. Overall the attendants were approximately 1/3rd from Canada, 1/3rd from the USA and the rest from Europe, East Asia, Israel, Australia, Brazil, Finland, Iran, India, Netherlands, Italy, and Australia.

There were two volumes resulting from these events. First the conference proceedings for CCCG'2013 which are available electronically and listed in DBLP and second a volume in the Springer LNCS series (vol. 8066) containing 22 research articles spanning 363 pages.

Additionally there is a forthcoming special issue on selected papers from CCCG'2013 to appear in the journal *Computational Geometry: Theory and Applications*.

Several collaborations were initiated during the sessions. As well there was an open problem session during CCCG, with results from that research to be presented in CCCG'2014.

In terms of expenditures registration was partially subsidized for students and recent postdocs. We committed $17,636.16 to travel funding for students, postdocs and invited speakers. The total income and expenditure were as follows:

	Income	Expenditures	
Registration fees	$21,814.14		
Sponsorship	$14,334.00		
Travel support		$17,636.16	
Printing, misc support		$639.52	
TA honorarium		$500.00	
Lunch, breaks, banquet facilities		$16,358.00	
Admin support		$1,000.00	
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	$36,148.14	$36,133.68	$14.46

If you have any questions, please do not hesitate to ask.

Sincerely,

Alejandro López-Ortiz
General Chair, CCCG'13
Professor, School of Computer Science, University of Waterloo
Adjunct Professor, Faculty of Computer Science, University of New Brunswick