



## A WARM WELCOME to CANADA, EH!

Welcome to IOI 2010! I am very pleased that you could make it here.



Exactly 366 days ago (August 14<sup>th</sup>, 2009), I stood on a stage in an ancient amphitheater in Plovdiv, Bulgaria and accepted the IOI Flag from the IOI 2009 organizers. It has been quite a year since then.

There has been an incredible amount of work that my colleagues at the University of Waterloo have done to make this event truly memorable. From technical help in getting 400 computers delivered, powered, networked and configured, to the administrative tasks of registration, fee payment, transportation, accommodation and food arrangements, through the media and website creation and maintenance, to the fundraising, volunteer coordination, guest program and so much more. This event would not happen for the many faculty, staff and volunteers. I am indebted to them, since they have made this IOI enjoyable and possible. I wish to thank Ian VanderBurgh and the entire faculty and staff in the Centre for Education in Mathematics and Computing (CEMC) for their high quality and quantity of work to make IOI 2010 happen.

I would like to also thank the sponsors of IOI 2010. First, BlackBerry, our title sponsor, has been an outstanding early supporter. Thanks also to Columbia International College, and especially to Clement Chan, for his vision on reaching international students. Further thanks to QNX, who came in as our first sponsor. Also, thanks to IBM, Lenovo, Google, Amazon, Rogers, Grand River Transit and the City of Waterloo. From the University of Waterloo, President David Johnston for his backing of this IOI. From the Faculty of Mathematics, former Dean Tom Coleman and current Dean Ian Goulden

have been outstanding supporters, providing guidance and attention.

A question that may get asked is “why would Waterloo host IOI 2010”? The answer is that, though Canadians tend not be overly vocal about it, we are proud of our country. Moreover, the organizers of IOI 2010 are proud of the University of Waterloo. We feel it has a lot to offer, not just from a technologically strong perspective but also as a thriving multicultural community.

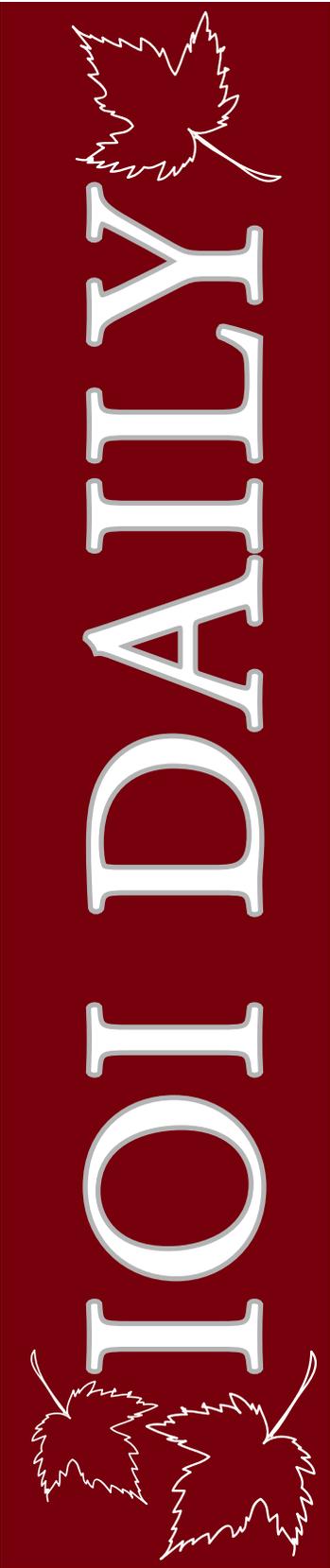
To the guests, leaders and competitors: you will get a taste of the wonders of the region of Waterloo, the province of Ontario and the beauty of Canada. You will hopefully find our weather pleasant, our food delicious, the sites interesting and the people welcoming.

Your two day-long excursions are visits to Canada’s Wonderland and Niagara Falls. I am sure Canada’s Wonderland will be a way to relieve programming stress while causing some height-and-velocity induced stress, and Niagara Falls and the surrounding region is breath-taking and mesmerizing.

To the contestants, let me say - congratulations. Just making it to IOI 2010 is a great accomplishment. I hope that you enjoy the fellowship of the other competitors, you get to know your guide, and use this opportunity as a large step into the community of computer science. I wish you the best of successes.

If you will allow me a little reflection. When I was about 10 years old, I had my first visit to Waterloo. I was amazed at the friendliness of the students, the interesting things they were working on in labs, and the modern look of the campus. These positive features have only improved over the last twenty-eight years. For most of you, this will be your first experience at Waterloo. Be sure that it is not your last.

Enjoy the week.



# YOUR HOME at WATERLOO

## Ron Eydt Village

Students will enjoy accommodation at Ron Eydt Village (REV). Each floor consists of 24 rooms with 2 large washrooms per floor (1 male and 1 female) along with a common lounge for after-hours networking.

The Community Centre of REV includes the cafeteria and dining hall, TV lounge, games area, Internet cafe, and the Front Desk.

The **Conference Centre Front Desk**, located in Ron Eydt Village is open daily from 06:00 to 01:00. Services include selling stamps, calling cards and laundry cards. If you need immediate assistance between 01:00 and 06:00, a staff person is available by calling 519-465-4207. Forgot something? Check with the front desk to see if they have it! Toothpaste, toothbrush, shaving cream, razor, etc. are all available for purchase.

Need directions? Just ask at the Front Desk and they will get you there!

## Village 1

Leaders and guests will enjoy accommodation at Village 1. This Village consists of 16 interconnected “houses”, arranged into 4 “quads”. Each house is connected to at least one other house by an elevated walkway. Houses contain 3-4 floors of approximately 16 beds per floor. Each floor has a shared washroom and each house has a TV lounge with fridge and microwave.

The Community Centre of Village 1 includes the cafeteria and dining hall, lounge with big screen TV, laundry room, games area and Internet Cafe.



## CANADIAN FACTS



Welcome to Canada, the second-largest country in the world after Russia and the largest in North America. Canada has a population of only 33 million and vast amounts of land uninhabited by humans. We have some interesting wildlife, including moose, geese, caribou, striped skunk, fox and squirrels. We are also home to 15,500 of the estimated 25,000 polar bears in global polar regions. Our natural resources include crude oil, natural gas, forestry, fishing, minerals and hydropower. In fact, the largest electricity generator in Canada provides electricity for New York.



Did you know, tourists are often shocked to see Canadians waiting patiently for the little man to light up and give us permission to cross the road? This is because jaywalking is an offence, which carries a fine. With only two weeks of paid annual vacation a year (yes, it's awful), we don't tend to travel far once we finish school and settle down into full-time employment. That's why young Canadians are seen backpacking all over the world before or during their college years. After that, a week in the US or Mexico is a trip away. More commonly, we go skiing in the winter and to a cabin by a lake in the summer (Canada has more lakes than any other country).

If we bump into someone (or even if you bump into us), we will say “Sorry!” at least once. Friendly and helpful to strangers, we smile, say hello and offer assistance as you enter a shop or restaurant. “Have a nice day” and “thanks for coming” roll off our tongue. It may rattle you at first, but it's sincere.

Have you ever wondered what Canadians have done for you? Oh, we've only given the world the zipper, the basketball, the chocolate bar, the Imax movie system, instant mashed potato, insulin, Java programming language, lawn sprinklers, the prosthetic hand, Superman (co-created by Canadian Joe Shuster), the telephone (Alexander Graham Bell moved from Canada to the US while working on the invention), and Trivial Pursuit. Plus, the Canadian side offers the best view and display of Niagara Falls. You'll be able to see for yourself on Thursday when you travel to the Falls for the daily excursion.

# PREVIEW of OPENING CEREMONIES



## REV1 to the venue which will host the IOI opening ceremonies

Your guides will lead you on your walk this morning at 9:00 to the IOI opening ceremony, which will take you through beautiful Waterloo Park West. As you walk on Ring Road through the University of Waterloo campus and cross the narrow footbridge over Laurel Creek, watch for Canadian geese, ducks or a heron. This park is 111 acres in size and hosts an animal farm, concerts, outdoor movies, fundraising walks and festivals. As you near the park band shell you will hear the sound of pipes. Bagpiper Doug Davidson, a retired Pipe Major for the Royal Highland Fusiliers of Canada (a reserve infantry regiment of the Canadian Armed Forces) will entertain you with this historic musical instrument.

After the bagpiper, head for the baseball diamond's home plate. Cross Father David Bauer Dr., named for a famous Kitchener-Waterloo hockey player, coach and manager. At the Waterloo Recreation Centre you will be seated by country. The Floating Widget, a Celtic band will entertain you while the venue fills with competitors, delegate leaders, the public and invited guests. The Floating Widgets are local entertainers who perform at ceilis, where people learn the traditional social folk dances of Ireland. Other entertainers who will delight and amuse you during the opening ceremonies are The Water Boys, the University of Waterloo's all-male contemporary a cappella group, the University of Waterloo Cheerleaders with coach Samson Yan, and The Silly People. The Silly People are two local multitalented variety performers who offer a unique blend of comedy, mime and juggling. Since 1993, they have taken their skills to sixteen different countries around the world. All our scheduled performers are looking forward to making you smile.

Other highlights of the opening ceremony will include a slideshow and guest speakers Troy Vasiga (Chair, 2010 IOI Organizing Committee), Arturo Cepeda (IOI President), Feridun Hamdullahpur (Vice-President Academic and Provost, University of Waterloo), Ian Goulden (Dean, Faculty of Mathematics, University of Waterloo), and from sponsors David Yach (Chief Technology Officer, Research In Motion) and Clement Chan (Executive Director, Columbia International College).

We look forward to seeing you at the opening ceremonies and "officially" welcoming you to Canada and IOI 2010!

# HERE WE GO...



CEMC staff & volunteers packing swag bags



## IOI Daily Team:

Karen Cole  
Steve Furino  
Kim Schnarr  
Joseph Collins  
Colleen Ivits  
Chris Nelson  
Jennifer Nguyen

## CANADA QUIZ

Test your knowledge of our national history

### QUESTIONS:

- How many territories and provinces are there in Canada?  
A) 10 B) 11 C) 12 D) 13
- Who is Canada's head of state?  
A) Governor General Michaëlle Jean  
B) Queen Elizabeth II  
C) Prime Minister Steven Harper  
D) Speaker of the House of Commons Peter Milliken
- In 1867, it was proclaimed Canada's national game.  
A) lacrosse B) hockey C) ringette D) basketball
- What province is officially bilingual?  
A) Ontario B) Quebec C) New Brunswick D) Manitoba



ANSWERS: 1. D) 2. B) 3. A) 4. C)



## SUNDAY AUGUST 15, 2010

TIME	EVENT		
	CONTESTANTS	LEADERS	GUESTS
07:00 - 08:00	Breakfast (In Village 1 Cafeteria)		
08:00 - 09:00			
09:00 - 10:00	Walk to Waterloo Recreation Complex		
10:00 - 11:00	Official Opening Ceremony (Waterloo Recreation Complex)		
11:00 - 12:00			
12:00 - 13:00	Lunch (In REV Cafeteria)	Lunch (In Village 1 Cafeteria)	
13:00 - 14:00			
14:00 - 15:00	Practice Session (Physical Athletics Complex - PAC)		Elora Gorge
15:00 - 16:00			
16:00 - 17:00	GA Meeting (DC 1350)		
17:00 - 18:00	Dinner	Dinner	
18:00 - 19:00	Dinner		Free Time
19:00 - 20:00	Evening Lectures: Exploring Computer Science	GA Meeting	
20:00 - 21:00		Tasks Translation until 03:00	
21:00 - 22:00	Quarantine		
22:00 - 23:00			
23:00 - 24:00			

### Our Sponsors

