

FOR IMMEDIATE RELEASE

USEQIP Begins

WATERLOO, ON, June 1st, 2009 – The Undergraduate School on Experimental Quantum Information Processing (USEQIP) officially began today at the Institute for Quantum Computing (IQC) with a total of 11 students who have recently completed their junior year of University. The school is a two-week program that runs from June 1st – 12th introducing students to the theory and experimental study of quantum information processors.

Today's subjects included a review of quantum mechanics, linear algebra, and MATLAB with IQC Professor, Joseph Emerson, exploring quantum dynamics with MIT Professor, David Cory, and an introduction to quantum information processing with IQC Professor and Deputy Director, Michele Mosca.

A rare opportunity, the students will also get their hands on some of the groundbreaking experiments currently being done in IQC's laboratories such as the Free-Space Quantum Key Distribution experiment.

For more information, please visit the official USEQIP website:
www.iqc.ca/conferences/useqip

About IQC:

Founded in 2002, the mission of the Institute for Quantum Computing (IQC) is to aggressively explore and advance the application of quantum mechanical systems to a vast array of relevant information processing techniques.

A part of the University of Waterloo, IQC creates a truly unique environment that fosters cutting-edge research and collaboration between researchers in the areas of computer, engineering, mathematical and physical sciences.

At the time of this release, IQC has 18 faculty members, 20 postdoctoral fellows and over 65 students and research assistants, as well as a support staff of 13.

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To find out more about the Institute for Quantum Computing, please visit www.iqc.ca

Contact:



Institute for Quantum Computing
200 University Ave. W. Waterloo, ON
N2L 3G1

Institute for Quantum Computing
Meghan Huras
Street - 475 Wes Graham Way
Mailing - 200 University Avenue West
Waterloo ON N2L 3G1 CANADA
Ph. +1.519.888.4567x36739
Fx. +1.519.888.7610
mhuras [at] iqc [dot] ca
www.iqc.ca