

Submittee: Catherine Barrett

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Title: CANADIAN QUANTUM INFORMATION STUDENTS' CONFERENCE - 2013

Event Type: Conference-Workshop

Location:

Calgary, Alberta

Dates:

24 - 28 June 2013

Topic:

The Canadian Quantum Information Students' Conference (CQISC) is the annual conference in the field of Quantum Information Sciences run by and for students across Canada and around the world. The conference is open to students of various backgrounds including, but not limited to, physics, mathematics, computer science, chemistry and engineering. The conference is held over the five days following the Annual Canadian Summer School on Quantum Information.

Methodology:

All participants are encouraged to present a 20 minutes talk or contribute a poster on their research area. CQISC allows students from a wide range of disciplines to come together and learn of new research areas presented by their peers. The conference allows its participants to develop ties with students of similar research interests and strengthen networking between numerous quantum information research institutes.

Objectives Achieved:

Best oral presentation - Juan Miguel Arrazola, IQC Waterloo /// Best poster - Jeremy Witmer, IQST Calgary

Organizers:

Pelchat, Edouard, Computer Science, University of Calgary /// Almutairi, Khulud, Physics and Astronomy, University of Calgary /// Dhand, Ish, Physics and Astronomy, University of Calgary /// Wang, Dongsheng, Physics and Astronomy, University of Calgary /// Wang, Tian, Physics and Astronomy, University of Calgary /// As this is a student run event, all of the organizers are indeed students!

Speakers:

Dominic Berry, Hamiltonian simulation with complexity polylogarithmic in the error. Macquarie University /// Barry Sanders, Universal quantum simulation for fund and profit. IQST Calgary /// Dominic Walliman, What to do with a quantum computer? D-Wave Systems Inc., British Columbia

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Links:

[www.iqst.ca/events/cqisc13/?](http://www.iqst.ca/events/cqisc13/)
