

10th Canadian Summer School on quantum INFORMATION



Workshop on Quantum Algorithms,
Computational Models and
Foundations of Quantum Mechanics

University of British Columbia, Vancouver, July 17 - 30, 2010

Early Bird Registration Ends: May 15

Speakers

Boris Altshuler (Columbia University)
Nick Bonesteel (Florida State University)
Hans J. Briegel (Universität Innsbruck)
Daniel E. Browne (University College London)
Andrew Childs (University of Waterloo)
Steve Flammia (Perimeter Institute)
Chris Godsil (University of Waterloo)
Daniel Gottesman (Perimeter Institute)
Daniel Lidar (University of Southern California)
David Poulin (Université de Sherbrooke)
Rob Spekkens (Perimeter Institute)
Maarten van den Nest (Max-Planck-Institut für Quantenoptik)
Frank Verstraete (Universität Wien)
Pawel Wocjan (University of Central Florida))

Summer School Topics

Quantum Algorithms
Computational Models (Adiabatic, Measurement-based, Topological)
Quantum Error Correction
Classical Simulation Methods
Graph Theory in Quantum Information
Foundations of Quantum Mechanics

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Organizers: Barry Sanders (University of Calgary), Robert Raussendorf (University of British Columbia), Theresa Liao (University of British Columbia), Petr Lisonek (Simon Fraser University), Mohammad Amin (D-Wave Systems Inc, Burnaby, BC), Tzu-Chieh Wei (University of British Columbia), Pradeep Sarvepalli (University of British Columbia)

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