



THE FIELDS INSTITUTE

CQIQC-VI

Steering Committee

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CONFERENCE ON Quantum Information & Quantum Control

August 17 - 21, 2015
at The Fields Institute

CQIQC-VI will be the sixth in the series of biennial conferences jointly organized by the Toronto Centre for Quantum Information & Quantum Control and the Fields Institute, which aim to bring together researchers from a broad set of areas ranging from quantum cryptography and computation to quantum control to quantum foundations to device fabrication, in a setting which encourages discussion and can help stimulate new collaborations and interactions.

It is anticipated that CQIQC-VI will be a major international conference, facilitating interactions between the different sub-fields being included. The conference will involve a mix of invited and contributed talks, and posters. There will be roughly 25 40-minute invited talks, delivered by world leaders of the field and roughly 25 20-minute contributed talks, which will be selected from what we expect (based on the previous meetings) to be a large pool of truly excellent work from around the world. There will also be at least one poster session, during which there will be an opportunity for young researchers to present work. The meeting will involve researchers at all stages of their careers, including participation by graduate students.

Plenary Talks

Jeff Shapiro, Massachusetts Institute of Technology

Jeremy O'Brien, University of Bristol

Confirmed Invited Speakers

Itai Arad, National University of Singapore

Rainer Blatt, University of Mainz

Todd Brun, University of Southern California

Tommaso Calarco, Universität Ulm

Bob Coecke, Oxford University

Keiichi Edamatsu, Tohoku University

Jens Eisert, Freie Universität Berlin

Christopher A. Fuchs, University Massachusetts Boston

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Klaus Molmer, Aarhus University

Bertrand Reulet, Université de Sherbrooke

Terry Rudolph, Imperial College, London

Irfan Siddiqi, University of California, Berkeley

Nathan Wiebe, Microsoft

Amir Yacobi, Harvard University

For more information, please visit:

www.fields.utoronto.ca/programs/scientific/15-16/CQIQCVI



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