



# Opening Doors – Opening Minds

Ontario Association of Physics Teachers (OAPT)  
34<sup>th</sup> Annual Conference 2012

## When and where?

**Opening Doors – Opening Minds** will be held in **April 26 to 28, 2012** at Perimeter Institute for Theoretical Physics in Waterloo, Ontario, Canada.

## Keynote Address

Neil Turok, Director, Perimeter Institute for Theoretical Physics

## Opening Doors

- Why Study Physics? with Carolyn Burgess
- The Physics of the Nervous System with Dr. Deda Gillespie and Dr. Dan Goldreich
- Tour of the Institute for Quantum Computing with Martin Laforest
- Workshops for grades 6-10 science with John Atherton, Mike Newnham and Dr. Jason Harlow

## Opening Minds

- Understanding the quantum world, the latest from the LHC and the earliest moments of the Big Bang with Perimeter Researchers Cliff Burgess, Lucien Hardy, Louis Leblond, and Michele Mosca
- Workshops exploring Physics Education Research with Chris Meyers, Glenn Wagner and Dave Doucette
- Unusual and fun connections with music, dance and drama with James Ball, Lisa Lim-Cole, Rolly Meisel

**Thursday Night Barbeque, Wine & Cheese**  
Reduced rates for year 1-2 and pre-service teachers

**Early Registration:**  
\$19.99 per night at  
University of Waterloo  
Residence

## Residence Accommodation Sponsor



UNIVERSITY OF  
**TORONTO**

The Edward S. Rogers Sr. Department of Electrical and Computer Engineering at the University of Toronto

## Host Venue Sponsor

PERIMETER  INSTITUTE FOR THEORETICAL PHYSICS

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[perimeterinstitute.ca](http://perimeterinstitute.ca)