

# QIP 2016 – Tutorial Program

January 9-10, 2016 — University of Calgary

**Schedule of events:** All lectures will take place in ICT 102 (see map on next page).

	<b>Saturday January 9<sup>th</sup></b>	<b>Sunday January 10<sup>th</sup></b>
09:00–10:15	John Watrous (Session I)	John Watrous (Session II)
10:15–10:45	Coffee Break	
10:45–12:00	Aram Harrow (Session I)	Aram Harrow (Session II)
12:00–13:15	Lunch (on your own)	
13:15–14:30	Sergey Bravyi (Session I)	Sergey Bravyi (Session II)
14:30–15:00	Coffee Break	
15:00–16:15	Nicholas Bonesteel (Session I)	Nicholas Bonesteel (Session II)
16:45		Bus to Banff departs (from Hotel Alma)

## Tutorial lecturers:

John Watrous  
(University of Waterloo)  
*Quantum Interactive  
Proofs and Semidefinite  
Programs*

Aram Harrow (MIT)  
*Quantum Shannon  
Theory and Applications*

Sergey Bravyi (IBM)  
*Fault Tolerant Quantum  
Computation*

Nicholas Bonesteel  
(Florida State University)  
*Topological Quantum  
Computing*

**WiFi internet access:** Use the eduroam or AirUC-Guest networks.

**Food:** Snacks will be provided during coffee breaks. Convenient food outlets are listed here.

- MacEwan Student Centre – [various shops and food outlets](#)
- Bistro at Hotel Alma ([www.hotelalma.ca/bistro\\_alma](http://www.hotelalma.ca/bistro_alma))
- Nearby restaurants and pubs:
  - Kilkeny Irish Pub and Jamesons Pub (3630 Brentwood Rd NW)
  - Moose McGuire's (1941 Uxbridge Dr NW)
  - Nick's Steakhouse and Pizza (2430 Crowchild Trail NW)

**Transportation to Banff:** A ticket is required to ride the bus. Tickets will be distributed to registered participants during coffee breaks. The bus will depart Sunday at 16:45 from behind Hotel Alma (see map).

**QIP 2016 Tutorials**  
**January 9-10**  
**University of Calgary campus map**

