Introduction to Astronomical Instrumentation

First Light on the Decade’s Most Innovative Instruments

- Learn basic principles of optical, infrared and radio instrumentation
- Learn how detectors and spectrographs work
- Attend a hands-on fourier transform spectrometer lab
- Learn in lecture and hands-on laboratory sessions
- Work with students from around the world
- Learn about a career in instrumentation
- Attend professional development sessions, incl. a mentoring lunch for female students
- Learn from leaders in the field of astronomical instrumentation

For students who have finished at least the 3rd year of an undergraduate program or are in the early years of a graduate program, and have a background in astronomy, physics or engineering.

INVITED INSTRUCTORS*

René Doyon
Université de Montréal

James Graham
University of California, Berkeley

Olivier Guyon
University of Arizona/Subaru Telescope/JPL

Phil Hinz
University of Arizona

Anna Moore
California Institute of Technology

David Naylor
University of Lethbridge

Christine Wilson
McMaster University

DUNLAP INSTITUTE INSTRUCTORS*

Tuan Do
Rachel Friesen
Jérome Maire
Laura Newburgh
Michael Reid
Suresh Sivanandam
Keith Vanderlinde
Shelley Wright

* confirmed as of 16 Feb 2014

Registration Fee: $500

Travel subsidies and registration fee waivers available

Application and travel subsidy deadline: 11 April 2014

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