4th Annual Summer Course in Atmospheric Chemistry and Physics

When:	**May 26-28, 2015**
Where:	**York University, Toronto, ON**
Target :	**Industrial/Government Scientists and Graduate Students**
Prerequisite:	**Undergraduate Degree in Science**
Registration:	**Free for students**
Included:	**Course notes (hard+soft), breaks & lunches, 1 dinner, Certificate of Completion, Registration in IACPES symposium (May 25)**

Topics: Topics and lecturers change slightly on an annual basis. Last years topics included: VOC reaction chemistry; Sulfur oxidation chemistry; Trace gas instrumentation; Satellite measurements and chemical composition; Planetary LIDAR measurements; Emissions and emission inventories; Basic meteorology; Aerosol acidity; Chemical transport: Introduction to modeling; The science under the hood of air quality models; Data assimilation in weather forecasting; Atmospheric measurements from aircraft; Cloud chemistry; Atmospheric mercury: Cycling through the environment; Sea Ice – measurements and climate change. Lectures were delivered by 14 professional scientists with expertise in the above topics. The 2015 list of lecturers will appear soon.

Who for?: Industrial and government scientists who wish to develop a more integrated understanding of the physics & chemistry of the atmosphere, and emerging issues of atmospheric importance. Those charged with duties of environmental reporting and compliance should especially attend. This course is co-offered to graduate students as part of the NSERC CREATE Program: Integrating Atmospheric Chemistry and Physics from Earth to Space (IACPES).

More Information: contact Dr. Robert McLaren (rmclaren@yorku.ca) or visit www.cac.yorku.ca