

5th Annual Summer Course in Atmospheric Chemistry and Physics

- When:** June 14-16, 2016
Where: York University, Toronto, ON
Target : Industrial/Government Scientists and Graduate Students
Prerequisite: Undergraduate Degree in Science
Registration: \$1,500 for professionals, free for students
Included: Course notes (hard+soft), breaks & lunches, 1 dinner, Certificate of Completion, Registration in IACPES Symposium (June 13)

Topics: Topics and lecturers change slightly on an annual basis. Last years topics included: Oxidation capacity of the atmosphere; stratospheric chemistry; nitrogen oxide chemistry in the troposphere; measurement techniques to calculate pollutant emissions; source apportionment; chemistry and physics of the atmosphere of Mars; remote sensing of the earth's surface; sources of methane in the HBL; arctic air pollution; secondary organic aerosol: understanding through laboratory experiments; basics of atmospheric radiation and climate; atmospheric science mission on nano-satellites; arctic sea ice – where are we headed; ozone formation in the LFV; winter atmospheric chemistry. Lectures were delivered by 15 professional scientists with expertise in the above topics. The 2016 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