

SEMINAR NOTICE

*Department of Physics and Engineering Physics
University of Saskatchewan*

SPEAKER: Professor Peter Bernath
Department of Chemistry & BioChemistry, Old Dominion University,
Norfolk VA & Department of Chemistry, University of Waterloo

TOPIC: *Atmospheric Chemistry Experiment (ACE): Spectroscopy
from Orbit*

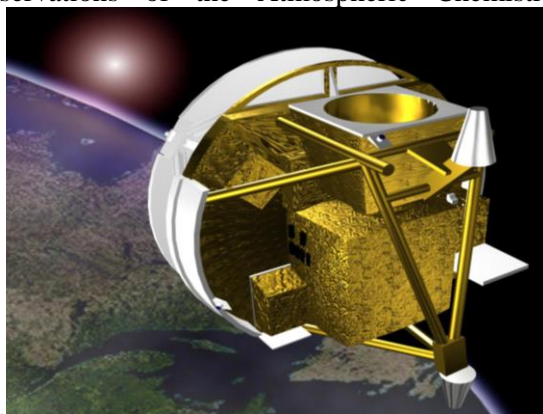
DATE: November 7th, 2017

TIME: 3:30-4:30 p.m.

PLACE: Physics 103

ABSTRACT:

Climate change is often in the news. Traditionally greenhouse gases such as carbon dioxide and methane responsible for climate change are measured *in situ*. In this presentation, I will discuss how recent advances in remote sensing from satellites provide a global perspective on changes in atmospheric composition. This talk will focus particularly on the observations of the Atmospheric Chemistry Experiment (ACE) mission



(<http://www.ace.uwaterloo.ca/>).

Coffee and Cookies will be served in Physics lounge at 3:00 p.m. for those attending the seminar.