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/](http://www.ace.uwaterloo.ca/).

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