

NSERC CREATE IACPES Symposium Day

Monday, May 25, 2015
Room 103 Life Science Building
York University (Map)

At 8:30 am coffee and muffins/bagels will be available in room 101. All breaks and lunches will be held in room 101.

- 9:00 Robert McLaren, Introduction
- 9:05 **T1** Sabour Baray, York University, Quantifying Anthropogenic Sources of Methane
- 9:25 **T2** Olalekan Balogun, York University; Measurement of atmospheric concentration of CO₂ in the Hudson Bay Lowlands: An application of a Lagrangian Particle Dispersion Model (STILT)
- 9:45 **T3** Sarah Kavassalis, University of Toronto; Climate-biosphere mediation of surface ozone in North America
- 10:05 **T4** Zoey Davis, York University; Vertical profiles of SO₂ and NO₂ in the Alberta oil sands: MAX-DOAS measurements, comparison to in-situ instrumentation and model sensitivity studies
- 10:25 **BREAK**
- 10:45 **T5** George Nikolakakos, York University; Spectroscopic and visual evidence of perchlorate deliquescence under Martian conditions
- 11:05 **T6** Soudeh Afsharian, York University; Potential impacts of windfarms in Lake Erie: Some preliminary 1-D modelling using COHERENS
- 11:25 **T7** Connie Ye, University of Calgary; Analysis of alkyl nitrates at ambient concentration levels by gas chromatography and thermal dissociation cavity ring-down spectroscopy with preconcentration
- 11:45 **T8** Natasha Garner, University of Calgary; Analysis of halogen species using chemical ionization mass spectrometry
- 12:05 **LUNCH**
- 13:00 **T9** Yasamin Hassani, York University; Method Development for Concentration Measurements of SVOCs - Analysis of Ambient Samples

- 13:20 **T10** Youssef Taha, University of Calgary; Modelling secondary organic aerosol formation observed during a flight above the Alberta oil sands
- 13:40 **T11** Monika Aggarwal, York University; Airborne Lidar Measurements of Aerosol and Ozone above the Alberta Oil Sands Region
- 14:00 **T12** Marina Saccon, York University; Determination of the kinetic isotope effect of light VOC with the hydroxyl radical
- 14:20 **T13** Anna Kornilova, York University; Use of stable carbon isotope composition as a tool to differentiate photochemical processing of ambient VOC
- 14:40 **BREAK**
- 15:00 **T14** Jeff Geddes, Dalhousie University; Use of stable carbon isotope composition as a tool to differentiate photochemical processing of ambient VOC
- 15:20 **T15** Peter Taylor, York University; (Relatively) simple models of flow in complex terrain and PEIWEE
- 15:40 **T16** Paul Makar, Environment Canada; High resolution model simulations of the Canadian oil sands with comparisons to field study observations
- 16:00 **T17** Luis Ladino, Environment Canada & University of Toronto; Oceans: An underestimated driver in ice cloud formation?
- 16:40 **Poster Session, Beer/Wine/Hors d'oeuvres**
(Refreshments provided by CAC)

Funding for this “Symposium Day” is provided by NSERC.