

Agenda

NDACC-IRWG Meeting Toronto 2015 - June 5, 2015

	Time	Duration	Presenter Name	Title
Thursday	9:00	0:10	Kim Strong	Welcome & Logistics
June 11	9:10	0:30	Thomas Blumenstock	Steering Committee Report / Archive Status
				Site Reports 1
	9:40	0:15	Ralf Sussmann	Zugspitze and Garmisch Site News
	9:55	0:20	Dave Pollard	Lauder and Arrival Heights Site Reports
	10:15	0:20	Kimberly Strong	Toronto & Eureka Site Reports
	10:35	0:10	Tomoo Nagahama	Recent activities in Moshiri and Rikubetsu
	10:45	0:30		Coffee
				Science Talks 1 - NH3 & C2H6
	11:15	0:20	Enrico Dammers	The "Measuring Ammonia with Remote Sensing" Campaign at Cabauw, the Netherlands
	11:35	0:15	Petra Hausmann	New insight into renewed methane increase: constraints by long-term evolution of ethane and methane interhemispheric gradients
	11:50	0:20	Bruno Franco	Recent ethane increase above North America: comparison between FTIR measurements and model simulations
	12:10	0:30	Manu Mahieu	Discussion on ethane increase
	12:40	1:20		Lunch
				Site Reports 2
	14:00	0:20	Michel Grutter	Altzomoni, Mexico site report (NDACC candidate)
	14:20	0:20	Eric Nussbaumer	Thule & Mauna Loa Site Reports
	14:40	0:15	Mathias Palm	Status report FTIR measurements of the Universität Bremen
	14:55	0:20	Thomas Blumenstock	Addis, Izana, Karlsruhe & Kiruna Site Reports
	15:15	0:15	Geoff Toon	MkIV ground-based measurements from JPL
	15:30	0:30		Tea
				Science Talks 2 - Alternate Measurements
	16:00	0:15	Debora Griffin	Measurements in the high Arctic between 2006-2013 with PARIS-IR
	16:15	0:15	Ralf Sussmann	The Zugspitze water vapor radiative closure experiment. Part 1: basic idea and implementation
	16:30	0:15	Andreas Reichert	The Zugspitze water vapor radiative closure experiment. Part 2: validation of continuum coefficients in the far-IR
	16:45	0:15	Geoff, Thomas	Discussion of Adoption of ATM linelist
	17:00	1:00		Poster session
	18:00			Adjourn
Friday				Site Reports 3
June 12	9:00	0:20	Mathias Palm	Peterhof site: activity overview (Maria Makarova)
	9:20	0:10	Manu Mahieu	Jungfrauoch site report
	9:30	0:05	Isao Murata	Tskuba site report
	9:35	0:05	Thomas Blumenstock	Harestua site report (Johan Mellqvist)

Science Talks 3 - Measurements in Canada			
9:40	0:15	Stephanie Conway	CFC11, CFC12 and HCFC22 retrievals at Eureka, Nunavut, Canada
9:55	0:20	Pierre Fogal	ACE/OSIRIS validation campaign at Eureka
10:15	0:20	Erik Lutsch	FTIR measurements of biomass burning species from the 2014 Canadian wildfires
Science Talks 4 - CH4			
10:35	0:20	Ilya Stanevich	Estimating the impact of different GOSAT CH4 retrievals and transport modelling approaches on regional CH4 flux inversions.
10:55	0:20	Whitney Bader	Recent change of CH4 after 2005 from FTIR observations and GEOS-Chem model simulation
11:15	0:30		<i>Coffee</i>
CH4 spectroscopy			
11:45	0:25	Darko Dubravica	A new CH4 line list for NDACC-FTIR
12:10	0:15	Mathias Palm	The influence of spectroscopic parameters on retrievals of CH4
12:25	0:15	Darko, Mathias, Thomas	Discussion on CH4 spectroscopy/recipe
Discussions			
12:40	0:30	Manu, Thomas	Discussion on additional species: OCS, H2CO
13:10	0:20	Thomas	Any other business, final discussion
13:30			Adjourn
13:30			Lunch
		Kim Strong	Lab visit

All Week

Posters

Isao Murata	Temporal variation of methane profile observed with FTIR at Tsukuba
Mathias Palm	Validation of O3 measurements at Ny Alesund, Paramaribo and ship cruise measurement using colocated O3 sonde measurements
Emmanuel Mahieu	Overview of the recent results derived from the Jungfraujoch observational database
Masanori Takeda	FTIR Measurements of Atmospheric Trace Gases at Syowa Station in 2014/15 Antarctic Summer
Alexander Geddes	Refurbishment of a DA2 FTIR for a Balloon Flight Campaign
Sabine Barthlott	MUSICA-update
Sophie Tran	Trace gas retrievals at 2 Arctic sites using emission spectr.: is the atmos. comp. different betw. Eureka, Nunavut and Barrow, Alaska?
Akiko Shishime	Treatments of Tsukuba FTS data measured with an InGaAs detector (following the method by Nicholas Deutscher)
Jorge Baylon	CO2 variability in Central Mexico
Joon-sik Cho	Improvement of the Site-Specific Cloud Filtering Method Using AERI Spectrum at Anmyeon island, South Korea
Ralf Sussmann	Spatiotemporal variability of water vapor investigated by lidar and FTIR vertical soundings above the Zugspitze
Voltaire A. Velazco	Towards TCCON Tropics: Assessment and Measurements of Carbon and its Climate Impacts in Southeast Asia
Debra Wunch	A Forward/Reverse Problem in the Caltech TCCON Data
Omaira Garcia	Quality Assessment of the IASI Operational Trace Gas Products by using g.-b. Fourier Transform Spectr. at the Izaña Atmospheric Obs.
Maria Makarova	Observations of atmospheric gases near St.Petersburg
Alex Cabaj	Temperature Dependent Absorption Cross-sections of Perfluorotributylamine