

Wednesday PM				
Start	Stop	Presenter	Title	Duration
14:40	15:10	Jim Hannigan	Report from Steering committee, NDACC DHF Status and Website News	30
15:10	15:20	Wolfgang Stremme	Altzomoni Site Report	10
15:20	15:35	Ralf Sussmann	Zugspitze and Garmisch site news	15
15:35	16:05		Tea Break	30
16:05	16:20	Dave Pollard	Lauder & Arrival Heights Site Report	15
16:20	16:30	Tomoo Nagahama	Rikubetsu Site Report	10
16:30	16:40	Thomas Blumenstock	Kiruna & Izana site report	10
16:40	16:50	Kimberly Strong	Toronto & Eureka Site Report	10
16:50	17:00	Johan Mellqvist	Harestua Site Report	10
17:00	17:10	Mahesh Kumar Sha	BIRA-IASB Site Report	10
17:10	17:20	Nicholas Jones	Wollongong Site Report	10
17:20	17:35	Ivan Ortega	MLO & Thule Site Report	15
17:35	17:45	Jim for Manu	Jungfrauoch Site Report	10
17:45	17:55	Yao Te	Towards a new NDACC-IRWG site in the center of Paris	10
17:55	18:10	Christof / Thorsten	Ny Alesund and Bremen Site Report	15

Thursday AM				
Start	Stop	Presenter	Title	Duration
09:00	09:15	Jim Hannigan	Update on OCS	15
09:15	09:40	Maria Makarova	Evaluation of emission ratios for air pollution events from observations at the St. Petersburg site	25
09:40	10:00	Lei Liu	Infrared Emission Measurements of Trace Gases and Clouds in the High Arctic based on the Extended-range Atmospheric Emitted Radiance I	20
10:00	10:20	Erik Lutsch	The influence of wildfires on the Arctic: pan-Arctic FTIR observations and model results	20
10:20	10:50		Coffee Break	30
10:50	11:10	Shoma Yamanouchi	TAO science talk	20
11:10	11:30	Erik Lutsch	Unprecedented NH3 enhancements detected in the high Arctic from the 2017 North American wildfires	20
11:30	11:50	Hideaki Nakajima	Recent trends of HCFCs and HFCs revealed from ground-based FTIR measurements at Syowa Station, Antarctica, Rikubetsu, and Tsukuba	20
11:50	12:05	Enrico Dammers	Validation of the CrIS-NH3 Retrieval with ground-based FTIR	15
12:05	12:20	Vorinne Vigouroux	First formaldehyde TROPOMI validation using NDACC harmonized total columns obtained within the FTIR network	15
12:20	13:20		Lunch	60
13:20	14:00	Thomas Blumenstock	Channeling exercise	40
14:00	14:20	Bavo Langerock	CAMS funding for NDACC: status and upcoming work (10min)	20
14:20	14:40	Martine De Maziere	ACTRIS Progress & Discussion	20
14:40	15:10	Jim & Thomas	HITRAN 2016 & IRWG Line list	30
15:10	15:40		Coffee break	30
15:40	16:20	Jim & Thomas	DOI and Data Policy	40
16:20	16:50	Jim & Thomas	Wrap up, AOB	30
16:50	18:00		NDACC poster session	70

Maria Makarova	St. Petersburg site report
Isao Murata	Temporal variation of HCl observed at Tsukuba related to the change of the meridional circulation in the northern lower stratosphere
Tomoo Nagahama	Long-term variations of HCN in the lower stratosphere using ground-based FTIRs over Hokkaido, Japan
Maria Makarova	Retrieval technique and error budget of CFC-12 and HCFC-22 total columns based on solar IR radiation measurements at St. Petersburg site
Maria Makarova	Tropospheric ozone measurements at St. Petersburg site
Ruben Pavia-Hernandez	Towards the usage of O3, CH4 and N2O partial columns as indicators of tropopause folding in Central Mexico
Alain Garcia Zuber	Variability of water vapor in central Mexico by FTIR spectroscopy and GPS
Masanori Takeda	Retrievals of HCFCs and HFCs from Japanese ground-based FTIR solar observations: The trends at the Rikubetsu, Tsukuba, and Antarctic Syowa Station
Kim Strong/Kaley Walker	Fifteen Years of the Canadian Arctic ACE/OSIRIS Validation Project at PEARL
Ivan Ortega	Tropospheric and lower stratospheric water vapor obtained with FTIR: comparison with balloon-borne FPH and influence on trace gas retrievals