

Monday, November 14

1:30-2:00 pm	Registration	
<u>Session 1: Welcome & Overview</u>	Chair: Bill Randel	
2:00-2:15pm	Welcome by NCAR/ACOM Director Pieter Nel Levelt	
	Welcome by Ken Jucks (NASA)	
2:15-3:00 pm	Laura Pan Troy Thornberry Elliot Atlas	Overview 1: ACCLIP scientific hypotheses and GV highlights Overview 2: ACCLIP WB highlights Overview 3: ACCLIP in perspectives of previous airborne chemistry
3:00-3:30pm	Coffee Break	
<u>Session 2: ACCLIP Meteorology</u>	Chair: Paul Newman	
3:30pm-4:45pm	Rei Ueyama (remote CA) Xinyue Wang Ren Smith Leslie Lait & Shawn Honomichl Julie Haggerty (remote, CO)	Meteorological overview of the ACCLIP deployment The Asian summer monsoon anticyclone in 2022: structure and dynamics Examination of ACCLIP observations in the context of trajectory-derived convective influence Flight planning in ACCLIP An Overview of Microwave Temperature Profiler Data from ACCLIP

Tuesday, November 15

8:00	Coffee and Continental Breakfast
9:00-9:10am	Welcome by Silvia Edgerton (NSF, remote)
<u>Session 3: ACCLIP Modeling</u>	Chair: Doug Kinnison

9:10-9:55

	Qing Liang	Model performance evaluation of GEOS-FP and GEOS-CF in support of ACCLIP
	Mian Chin	Sources and transport of pollutants to the UTLS by Asian summer monsoon: Modeling and analysis of ACCLIP and other aircraft data
	Baerbel Vogel (remote - Europe)	Asian monsoon transport from CLaMS Lagrangian model simulations using ERA5 reanalysis. Note: 9am MST = 5pm CET.

Session 4: Satellite
10:00 - 10:45am

Chair: **Qing Liang**

	Luis Millan Valle (remote CA)	The 2022 Asian summer monsoon ,À An Aura MLS perspective
	Anne Boynard	What does IASI see during the Asian Summer Monsoon over the west Pacific?
	Shawn Honomichl	TropOMI Tropospheric CO for the ACCLIP 2022 season

10:45-11:15am

Coffee Break

Session 5: ACCLIP Chemistry I
11:15am - 12:15pm

Chair: **Troy Thornberry**

	Teresa Campos	ACCLIP 2022 G-V tracer measurements of carbon dioxide, carbon monoxide, methane, nitrous oxide and water vapor
	Colin Gurganus	ACOS during ACCLIP
	Laura Iraci	COMA Status: Carbon Monoxide and Nitrous Oxide Observations from the WB-57

12:15pm - 1:30pm

Lunch and Side Discussions

Session 6: Chemistry II
1:30-3:00pm

Chair: **Elliot Atlas**

	Ale Franchin	Overview of the NOx and Ozone measurements from the GV
	Elanor Waxman	WB-57 NOx Update
	Bill Randel	Comparing ACCLIP NOx with satellite and model data

	Greg Huey Drew Rollins Sam Hall	Measurement of Acidic Gases by CIMS during ACCLIP SO2 observations from the WB-57 during ACCLIP ACCLIP photolysis frequencies derived from HARP-Actinic Flux measurements
3:00-3:45 pm	Coffee Break	
Session 7. Ozone & other (Remote) Chair: Paul Newman		
3:45-4:30 pm	Joowan Kim (remote - Asia)	Ozone variabilities in the UTLS measured from balloon soundings during ACCLIP 2022
	Ja-Ho Koo (remote - Asia)	Short summary for the NIER aircraft measurement in 4-5 August. Note: 4pm MST = 8am KST.
	Taku Umezawa (remote - Asia)	The CONTRAIL commercial airliner measurements during the ACCLIP campaign
Poster Introduction		
5 min each, 1 slide	Juseon Bak (remote - Korea)	Daily ozone profile measurements from ozonesonde soundings and Aura-OMI instrument during the 2022 ACCLIP campaign
	Sang Seo Park (remote- Korea)	Comparison of Pandora and ozonesonde in Southern part of South Korea
	Wei-Nai Chen (remote- Taiwan)	Vertical Ozone Profiles observed by Ozonesonde at Pengjia Islet (25.629N, 122.079E), Taiwan during ACCLIP 2022

Wednesday, November 16

8:00	Coffee and Continental Breakfast	
<u>Session 8: Aerosols I</u>	Chair: Lars Kalnajs	
9-10:30am	Christina Williamson (remote - Europe)	Aerosol formation and processing from GV size distribution observations. Note: 9am MST = 5pm CET.

	Oliver Eppers (remote - Europe)	Chemical characterization of the ATAL measured by ERICA - First results
	Luke Ziembba	Properties of the Asian Tropopause Aerosol Layer Observed from the WB-57 during ACCLIP
	Gregory Schill Georgia Michailoudi	PALMS Results from ACCLIP 2022 rBC aerosol concentrations measured on the GV during the Asian Summer Monsoon
	Anne Perring	Microphysical properties of black carbon observed during the ACCLIP mission
10:30am - 11:00 am	Coffee Break	
<u>Session 9: Aerosols/clouds</u>	Chair: Yunqian Zhu	
11:00 am-12:00 pm	Doug Goetz Bernadett Weinzierl Sarah Woods Kenneth Christian	High Altitude Profiles of Aerosol and Water Vapor from Osan AB Coarse mode and cloud measurements with CAPS during ACCLIP Cirrus cloud characteristics during ACCLIP The Roscoe lidar: initial results from the ACCLIP campaign
Poster Introduction (in person) 5 min each, 1 slide	Jason St. Clair Caroline Dang	Formaldehyde measurements from the WB-57 Nitrous Oxide in the Asian Summer Monsoon
12:15 pm - 1:30 pm	Lunch	
<u>Session 10: Chemistry III</u>	Chair: Katie Smith	
1:30-2:15	Rebecca Hornbrook Eric Apel Victoria Treadaway	Preliminary exploration of VOC tracer relationships during ACCLIP Observations of gas phase organic species in the ASM outflow with context from previous aircraft measurements Whole Air Sampler Tracer Correlations
<u>Session 11: Water Vapor</u>	Chair: Jason St. Clair	
2:15-3:00pm	Benjamin Clouser	Water Vapor Isotopes in the Asian Summer Monsoon

Liz Moyer	Water Vapor Isotopic Composition in the N American and Asian monsoons
Glenn Diskin	Status of DLH Measurements of Water Vapor Mixing Ratio and Relative Humidity during ACCLIP 2022
3:00-3:30 pm	Coffee Break
Publication planning discussion	Chair: PIs
3:30 - 4:30	
Posters & side discussions	
4:30 - 5:00	

Thursday, November 17

8:00	Coffee and Continental Breakfast	
<u>Session 12: ACCLIP Data</u>	Chair: Ren Smith	
9:00 - 9:30 pm	Scot Loehrer Megan Buzanowicz	NCAR/EOL ACCLIP Data Management NASA ASDC Distributed Active Archive Center (DAAC)
<u>Final summary and plan for next step</u>		
9:30 - 10:30 am	Paul Newman	Mission Summary
12:00	Adjourn	