

# 2<sup>nd</sup> ACCLIP Science Team Meeting

Talk #	Time	min.	Author	Title
<b>Monday, January 10, 2022</b>				
<b>1. Openings, program managers directors (Chair: Laura Pan )</b>				
	21:00	20	Ken Jucks	NASA greeting & remarks
			Sylvia Edgerton	NSF greetings & remarks
			Everette Joseph/Scott McIntosh	NCAR greeting & remarks
			Pietermel Levelt & Brigette Baeuerle	ACOM and EOL remarks
			Dave Fahey	NOAA
			James Campbell	NRL
<b>2. Overviews (Chair: Troy Thornberry)</b>				
	21:20	10	Pan & Newman	ACCLIP Introduction
	21:30	10	Ken Bowman	Overview of the DCOTSS 2021 Deployment
	21:40	20	Zavaleta, Romashkin, Layshock	ACCLIP logistics
<b>3. ACCLIP 2021, instrument update, other (Chair: Elliot Atlas)</b>				
1	22:00	10	Troy Thornberry & Paul Newman	WB-57f August 2021 flights
2	22:10	10	Rei Ueyama	Monsoon circulation and convection during August 2021
3	22:20	10	Qing Liang	GEOS model analysis of the 2021 ACCLIP (US) test flights: Air mass origin and composition
4	22:30	10	Glenn Diskin	DLH measurements during ACCLIP 2021, and status for 2022
5	22:40	10	Elisabeth Moyer	Convective influence and fine-scale structure in water vapor during ACCLIP
6	22:50	10	Benjamin Clouser	A Comparison of In-Situ Water Isotopologue Measurements in the Asian and North American Monsoons
<b>Tuesday, January 11, 2022</b>				
<b>3. (Contd.) ACCLIP 2021, instrument update, other</b>				
7	21:00	10	Paul Bui	MMS Update and ER-2/WB-57 intercomparison
8	21:10	10	Jim Podolske	Observations of CO and N2O and Instrument Performance During the ACCLIP Test Flight Series
9	21:20	10	Matthew Brown	Particles in the UTLS and Instrument Performance during ACCLIP Test Flights
10	21:30	10	Dan Murphy	Constraining the transport of ammonia and other species from the ATAL region
11	21:40	10	Michael Lawler	PALMS-NG: Plans and Hopes for ACCLIP 2022
12	21:50	10	Ed Nowotnick	Updates from the ROSCOE Instrument
13	22:00	10	Francesco D'Amato	Simultaneous measurement of CO and N2O by COLD2
14	22:10	10	Lars Kalnajs	An Update on Balloon Borne Measurements of Aerosol and Water Vapor During ACCLIP
15	22:20	10	Gordon Novak	Stratosphere from ATom
	22:30	10		<b>Questions and discussions</b>
<b>4. Modeling and satellite (Chair: Brian Toon)</b>				
1	22:40	10	Laura Pan	A Multi-Model Investigation of Asian Summer Monsoon UTLS Transport over Western Pacific
				Interannual variability of aerosols in the UTLS and its connection to the Asian summer monsoon strengths:
2	22:50	10	Mian Chin	Results from an AeroCom model experiment
<b>Wednesday, January 12, 2022</b>				
<b>4. (Contd.) Modeling and satellite</b>				
3	21:00	10	Douglas Kinnison	NCAR Forecast Model for ACCLIP 2022: Regionally Refined Option

4	21:10	10	Yunqian Zhu	Evaluating the ATAL performance in the CESM/CARMA model
5	21:20	10	Ren Smith	Evaluating the Representation of ASM Transport in CCMs using Satellite and STRATOCLIM Airborne Observations
6	21:30	10	Xinyue Wang	Transient behavior of the Asian summer monsoon anticyclone associated with eastward eddy shedding
7	21:40	10	Bill Randel	Satellite measurements of NO <sub>x</sub> in the UTLS Asian monsoon
8	21:50	10	Martyn Chiperfield	Modelling and Measurement Contribution to ACCLIP from UK NERC Project
	22:00	10		<b>Questions and discussions</b>
<b>5. International team: observations and analysis (Chair: Bill Randel)</b>				
1	22:10	10	Joowan Kim	Balloon-borne ozone measurement (ozonesonde) plan in Korea during ACCLIP 2022
2	22:20	10	Ja-Ho Koo	Toward the understanding of stratosphere-troposphere ozone exchange in the Korean peninsula
3	22:30	10	Juseon Bak	An improved OMI ozone profile reserach product: comparison with multiple measurements and reanalysis data over Korean peninsular during boreal summer
4	22:40	10	Haeyoung Lee	The investigation of the transport pathway for greenhouse gases over Korea with multi-platform measurement of NIMS
5	22:50	10	Sunran Lee	In situ greenhouse gas measurement from aircraft over South Korea.

## Thursday, January 13, 2022

<b>5. (Contd.) International team: observations and analysis</b>				
6	21:00	10	Hosun Ryu	Behavior of the Asian summer monsoon anticyclone and its effect on UTLS ozone
7	21:10	10	Sang-Woo Kim	Ground-based Remote Sensing Measurements over East Asia: Recent Developments and Potential Contributions to ACCLIP 2022
8	21:20	10	Masatomo Fujiwara	Lidar aerosol measurements in eastward-shedding vortices over Japan from the Asian summer monsoon anticyclone
9	21:30	10	Taku Umezawa	Measuring trace gas outflow from the continental Asia by the CONTRAIL commercial aircraft
10	21:40	10	Katrin Müller	Air Mass Transport to the Tropical West Pacific Troposphere inferred from Ozone and Relative Humidity Balloon Observations above Palau
	21:50	10		<b>Questions and discussions</b>
<b>6. Logistic follow-up, data management, and Q&amp;A (Chair: Paul Newman)</b>				
	22:00	10	Michael Shook	ACCLIP Field Data Repository and ASDC Data Archival and Distribution Processes
	22:10	10	Elliot Atlas + Glenn Wolfe	data protocol
	22:20	15	Zavaleta/Romashkin/Layshock	Logistics and aircraft
	22:35	15	Q&A & open mic	
	22:50	10	Action Items & Closing remarks	

Schedule times are in GMT:	
GMT	21:00
US EST	16:00
US CST	15:00
US MST	14:00
US PST	13:00
KST (+ 1 day)	6:00