CAMP2Ex 2024 Science Team Meeting	Presenter / Moderator	Time	CA (PST)
Tues, February 27, 2024			
		0:30	8:00
Coffee,check in, presenter practice, audio check, mingle		0:00	8:30
Greetings and Goals	Jeff Reid	0:05	9:00
HQ	Hal Maring	0:10	9:05
Mission in Perspective	Jeff Reid	0:20	9:15
Lessons in Fundamental Cloud Microphysics	Paul Lawson	0:25	9:35
Aerosol Impacts on Convective Storms and Cold Pools	Bee Leung	0:25	10:00
Break		0:20	10:25
Developments in multi angle polarimetry (remote)	Bastiaan van Diedenhoven	0:25	10:45
Advancing lidar science for aerosol and clouds (remote)	Sharon Burton	0:25	11:10
APR 3 and Radar	Ousman Sy / Simone Tanelli	0:25	11:35
Lunch		1:30	12:00
Confronting problems on aerosol, cloud and precipitation heterogenity in remote sensing and its interpretation	Larry Di Girolamo	0:25	13:30
Drop size distribution retrieval in CAMP2EX clouds using a deep neural network	Steve Nesbit	0:25	13:55
Environmental and aerosol impacts on maritime tropical convection observed from remote-sensing and dropsonde data during CAMP2Ex	Corry Amiot	0:25	14:20
Observations of the macrophysical properties of cumulus cloud fields over the tropical western Pacific and their connection to meteorological variables	Michie De Vera	0:25	14:45
Break		0:20	15:10
Satelltie Remote Sensing and Geo	Robert Holz	0:25	15:30
An evaluation of liquid cloud droplet effective radius derived from MODIS, airborne remote sensing, and in situ measurements from CAMP2EX	Dongwei Fu	0:25	15:55
Evaluating DSD Evolution in Large Eddy Simulations using Bulk and Bin	Mckenna	0:25	16:20
Discussion-Where cloud observations need to go	Group	0:25	16:45

Wednesday February 28, 2024

		0:30	8:00
Coffee,check in, presenter practice, audio check, mingle		0:00	8:30
Chemistry's Special Role in CAMP2Ex (remote)	Armin Sorroshian	0:25	9:00
Particle nucleation	Jian Wang	0:25	9:25
Satellite Cloud-tracking Technology for CAMP2Ex Science	Roman Kowch	0:25	9:50
Break		0:20	10:15
An evaluation of biomass burning aerosol mass, extinction, and size distribution in GEOS using observations from CAMP2Ex (remote)	Allison Callow	0:25	10:35
Animals in the monsoonal zoo	Svetla Hristova	0:25	11:00
Assessing potential indicators of aerosol wet scavenging during long-range transport	Miguel Hilario	0:25	11:25
Aerosol wet scavenging by tropical convective cloud: Comparison between observations and LES Simulation	Qian Xiao	0:25	11:50
Lunch		1:30	12:15
Aircraft Radiometry and Imagery and Machine Learning Cloud Retrievals	Schmidt	0:25	13:45
Validation of a ML retreival of cloud drop effective radius that accounts for 3D radiative effects and its implcations for satellite studies of ACI	Jesse Loveridge	0:25	14:10
The Practical Application of Atmospheric Tomography with 3D Radiative Transfer (AT3D) using MISR and NRL-CAMP2Ex Cameras	John Lundstrom	0:25	14:35
Assessment of Aerosol Retrieval Accuracy with Multi-Angle Polarimeters Using Synthetic Data and Particle Size Distribution from the CAMP2Ex Field Campaign	Anin Puthukkudy	0:25	15:00
Break		0:20	15:25
Air quality (Remote)	Obie Cambaliza	0:25	15:45
Resolution and context in linking models to observations	John Park	0:25	16:10
Advancements in lidar ratios	Willam Marias	0:25	16:35
Science and discussion: State inhomogeity and implicationssystem science	Jeff Reid	0:20	17:00

Thursday February 29, 2024 - Chatting with your program officer

Coffee, audio check, mingle		0:00	8:30
Clear Cloud/EarthCARE (Remote)	Thanos Nenes	0:20	9:00
Developing best practices or data delivery and distribution	Gao and Jeff	0:30	9:20
Question 1: What are your thoughts and priorities for AOS ?	Hal and Jeff	As needed	9:50
Question 2: What are the communitiy's priorities for technology development?	"	As needed	
Quesiton 3: What are your priorities for new instruments in space?	"	As needed	
Quesiton 4: Thoughts on how radiaiton science can tap into PBL incubator.	"	As needed	
Other open mic topics?			