

## Tuesday 3/9

Start time (EST or CET)		Opening Remarks/Overview			
9:45 AM	3:45 PM	Greg Schuster / Chip Trepte	LaRC	charles.r.trepte@nasa.gov	welcome
10:00 AM	4:00 PM	Dave Winker	LaRC	david.m.winker@nasa.gov	Gaps and Goals
		Regional Lidar Ratios (Ed Nowotnick)			
10:15 AM	4:15 PM	Judd Welton	GSFC	ellsworth.j.welton@nasa.gov	MPLNET Aerosol Lidar Ratios: background, studies, and new diurnal climatologies
		Eduardo Landulfo	IPEN-Brazil	elandulf@ipen.br	
10:30 AM	4:30 PM				CALIPSO Assisted Observations in South America
10:45 AM	4:45 PM	Lerato Shikwambana	South Africa	lshikwambana@sansa.org.za	Use of CALIPSO data to study emissions of aerosols in Africa
11:00 AM	5:00 PM	Kruthika Eswaran	France	K.Eswaran@opgc.fr	Evaluation of the CALIOP/CALIPSO assigned extinction to backscatter ratio from a central European Global GAW station
11:15 AM	5:15 PM	Bob Holz / Willem Marais	U. Wisconsin	reholz@ssec.wisc.edu, willem.marais@ssec.wisc.edu	UW-HSRL aerosols lidar ratio measurements at Manila during CAMP2EX
11:30 AM	5:30 PM	45-min Discussion			
11:45 AM	5:45 PM	45-min Discussion			
12:00 PM	6:00 PM	45-min Discussion			
12:15 PM	6:15 PM	30-min Break			
12:30 PM	6:30 PM	30-min Break			
		Aerosol Typing 1 (Chip Trepte)			
12:45 PM	6:45 PM	Jay Kar	LaRC	jayanta.kar@nasa.gov	Characterizing Aerosol Lidar Ratio Variations for Possible Improvement in Extinction Retrievals
1:00 PM	7:00 PM	Mark Vaughan	LaRC	mark.a.vaughan@nasa.gov	Exploiting 1064 nm Measurements to Improve Aerosol Type Identification
1:15 PM	7:15 PM	Ed Nowotnick	GSFC	edward.p.nowotnick@nasa.gov	CATS Aerosol Typing: Comparisons to CALIOP and Thoughts on Future Directions for Extinction Retrievals
1:30 PM	7:30 PM	Jason Tackett	LaRC	jason.l.tackett@nasa.gov	A stratospheric aerosol subtyping confidence metric with possibilities for quantifying lidar ratio uncertainty estimates due to inaccurate subtype classification
1:45 PM	7:45 PM	45-min Discussion			
2:00 PM	8:00 PM	45-min Discussion			
2:15 PM	8:15 PM	45-min Discussion			
2:30 PM	8:30 PM	45-min Discussion			

## Wednesday 3/10

Start time		Aerosol Typing 2 (Meloe Kacenenbogen)			
EST	CET				
10:00 AM	4:00 PM	Lucia Mona	Italy	lucia.mona@imaa.cnr.it	Aerosol typing in CALIPSO retrievals: an EARLINET insight
10:15 AM	4:15 PM	Moritz Haorig	Germany	haorig@tropos.de	The spectral dependence of the lidar ratio and the depolarization ratio up to 1064 nm
10:30 AM	4:30 PM	Thibault Vaillant de Guélis	France	thibault.vaillantdeguelis@ou	From the two-dimensional and multi-channel feature detection algorithm (2D-McDA) to the two-dimensional scene classification algorithm (2D-SCA) for the CALIPSO lidar measurements
10:45 AM	4:45 PM	Silke Gross	Germany	silke.gross@dlr.de	Determination of the extinction-to-backscatter ratio from airborne HSRL and ground-based Raman lidar measurements
11:00 AM	5:00 PM	Rich Ferrare	LaRC	richard.a.ferrare@nasa.gov	Airborne HSRL2 Measurements of Enhanced Depolarization Associated with Nonspherical Sea Salt
11:15 AM	5:15 PM	45-min Discussion			
11:30 AM	5:30 PM	45-min Discussion			
11:45 AM	5:45 PM	45-min Discussion			
12:00 PM	6:00 PM	45-min Discussion			
12:15 PM	6:15 PM	30-min Break			
		Dust (Olga Kalashnikova)			
12:30 PM	6:30 PM	Hongbin Yu	GSFC	hongbin.yu-1@nasa.gov	Characterizing a Historic African Dust Plume with CALIOP, MODIS, SEVIRI, and GEOS
12:45 PM	6:45 PM	Greg Schuster	LaRC	gregory.l.schuster@nasa.gov	Using a Transport Model for Source-Dependent Lidar Ratios of Dust
1:00 PM	7:00 PM	Masa Saito	Texas A&M	masa.saito@tamu.edu	A new scattering property database of irregular aerosol particles for lidar backscattering property simulations
1:15 PM	7:15 PM	Vassilis Amiridis	Greece	vamoir@noa.gr	Desert dust lidar ratios and application to CALIPSO
1:30 PM	7:30 PM	45-min Discussion			
1:45 PM	7:45 PM	45-min Discussion			
2:00 PM	8:00 PM	45-min Discussion			
2:15 PM	8:15 PM	45-min Discussion			

Schedule Changes

Thursday 3/11

Start time		Column Retrievals and Applications (Yong Hu)			
EST	CET				
10:00 AM	4:00 PM	David Painemal	LaRC	david.painemal@nasa.gov	Assessment of tropospheric CALIPSO Version 4.2 aerosol types over the ocean using independent CALIPSO-SODA lidar ratios
10:15 AM	4:15 PM	Rob Ryan	LaRC	robert.a.ryan@nasa.gov	Column Optical Depths Derived from CALIOP Ocean Surface Returns
10:30 AM	4:30 PM	Travis Toth	LaRC	travis.d.toth@nasa.gov	The retrieval fill value issue in CALIPSO Level 2 aerosol products and deriving PM <sub>2.5</sub> concentrations from lidar-based near-surface aerosol extinction data
10:45 AM	4:45 PM	Anton Lopatin	France	anton.lopatin@grasp-sas.com	Synergy of CALIOP and PARASOL observations using GRASP algorithm for enhanced aerosol characterisation
11:00 AM	5:00 PM	<b>40</b> -min Discussion			
11:40 AM	5:40 PM	<b>30</b> -min Break			
		Beyond CALIPSO (Jason Tackett)			
12:10 PM	6:10 PM	Meloë Kacenenbogen	ARC	melo.e.s.kacenenbogen@nasa.gov	DARE above clouds using CALIOP and other satellites – an overview, why and how we need to get it right
12:25 PM	6:25 PM	Tyler Thorsen	LaRC	tyler.thorsen@nasa.gov	Observational estimates of the aerosol direct radiative effect: improving CALIPSO-based estimates and the role of lidar observations
12:40 PM	6:40 PM	Sharon Burton	LaRC	sharon.p.burton@nasa.gov	Investigation of the Potential for Lidar-Plus-Polarimeter Combined Aerosol Retrievals Using Various Instrument Combinations
12:55 PM	6:55 PM	Juan Cuesta	France	juan.cuesta@lisa.u-pec.fr	Type-discrimated aerosol concentration profile derived from the ACCP spaceborne lidar multispectral measurements
1:10 PM	7:10 PM	<b>40</b> -min Discussion			
1:50pm	7:50 PM	<b>Wrap up and Going Forward</b>			
2:00pm	8:00 PM				