

# DOE ARM Aerosol Working Group, Agenda, Nov 30 - Dec 2, 2005, Boulder, CO

<b>Wednesday, Nov. 30</b>		
14:00	Ogren	Remarks from Meeting Host, Logistics
14:05	Schmid	Welcome, Introduction, Agenda, Meeting Goals, Make-up of AWG, etc.
		<b>May 2003 Aerosol IOP (AIOP)</b>
		<b>Presentations of JGR Special Issue Papers</b>
14:20	Hallar	2005jd006250 ARM Aerosol Intensive Operating Period: Comparison of aerosol scattering during coordinated flights
14:35	Andrews	2004jd005734-Comparison of methods for deriving aerosol asymmetry parameter
14:40	Strawa	2005jd006056- In-Situ Measurement of Aerosol Optical Properties Made During the DOE Aerosol IOP: 1. Comparison of Extinction and Scattering Coefficients (Strawa)
14:45	Collins	2004jd005448- Application of aerosol hygroscopicity measured at the ARM Southern Great Plains site to examine composition and evolution
14:50	Collins	2005jd006092- Coupling aerosol size distributions and size-resolved hygroscopicity to predict humidity-dependent optical properties and CCN spectra (Collins)
14:55	Michalsky	2005jd006341- Radiative Closure Studies for Clear Skies During the ARM 2003 Aerosol Intensive Observation Period
15:00	Schmid for Ricchiuzzi	2004jd005863- A comparison of aerosol optical properties obtained from in-situ measurements and retrieved from Sun and sky radiance observations during the May 2003 ARM aerosol intensive observation period
15:05	Schmid	2004jd005837- How well can we measure the vertical profile of tropospheric aerosol extinction?
15:10	Ferrare	Brief synopsis of all other JGR Special Issue Papers and Overall Status
15:30	refreshment break	
		<b>New Aerosol IOP effort</b>
15:50	Kassianov	"Aerosol single-scattering albedo and asymmetry parameter retrieved from MFRSR observations during the May 2003 Aerosol IOP"
		<b>MASRAD (Summer 2005)</b>
16:05	Andrews	Results from MASRAD and the 6-month AOS deployment at Pt Reyes.
16:20	Strawa	Cavity Ring-Down Measurements with Cadenza
		<b>MArine Stratus Experiment (DOE ASP MASE, July 2005)</b>
16:35	Dubey	Insights from In-situ Measurements of Black Carbon during the Marine Stratus Experiment.
		<b>Aerosol Lidar Validation Experiment (ALIVE, September 2005)</b>
16:50	Schmid	Overview
17:05	Schmid	AATS-14
17:10	Flynn/Ferrare	AOD comparisons
17:25	Turner	Raman Lidar
17:40	Flynn	Micro Pulse Lidar
17:55	Lacis for Cairns	RSP
18:10	Adjourn	

<b>Thursday, Dec. 1</b>		
		<b>Presentations of ARM Science Team Funded Efforts Related to Aerosols</b>
		<b>FY2005</b>
8:30	Chuang	Examine Aerosol Indirect Effects with a 3-D Cloud Resolving Model and ARM Data: Develop and Validate Aerosol/Cloud Parameterization for GCMs
8:55	Ferrare	Characterizing the Vertical Distribution of Aerosols Over the ARM SGP Site
9:20	Lacis	Cloud/Aerosol Radiative Forcings and Feedbacks in a Climate GCM
9:45	Lewis (for Schwartz)	Parameterization of aerosol properties on relative humidity
10:10	refreshment break	
		<b>FY2006</b>
10:30	Liu (for Miller)	Parameterizations of Cloud Microphysics and Indirect Aerosol Effects
10:45	Frisch (for Feingold)	Investigation of the aerosol indirect effect at SGP and AMF using ground-based remote sensors
10:55	Schmid	Vertically resolved radiative properties of aerosols and clouds
11:05	Ghan	Cloud Modeling for Indirect Effects of Aerosols
		<b>Presentations of ARM Infrastructure Funded Efforts Related to Aerosols</b>
11:20	Liljegren	Overview of instrument acquisition/deployment status and plans (including the capital and expense equipment budgets).
11:35	Collins	Mentor: SGP TDMA
11:50	Ogren or Sheridan	Mentor: AOS (SGP + AMF)
12:05	Lunch Break	
13:10	Andrews for Quinn	Aerosol Chemistry PMEL
13:25	Flynn	Micro Pulse Lidar
13:40	Turner	Mentor: Raman Lidar
13:55	Ogren or Sheridan	In-situ Aerosol Profiling (Cessna) IAP
14:10	Hodges	Mentor: MFRSR, NIMFR
14:25	Kiedron	Mentor: RSS radiometric stability issues in retrievals of aerosols OD
14:40	Liljegren	Status report: Cimel
14:55	Turner	Aerosol from AERI
15:10	refreshment break	
		<b>Future Focus of AWG</b>
15:30	Liu	Message from Chief Scientist team
15:40	All	Discussion
		<b>Aerosol Value Added Products (VAPs)</b>
16:30	Sivaraman	Aerosol Best Estimate (ABE)
16:40	Delamere	Broadband Heating Rate Profile (BBHRP)
16:55	All	Discussion BBHRP+ABE
17:10	Flynn	Aerosol-related products available from the archive.
17:25	All	Discussion/Recommendation on VAPs
		<b>Cloud and Land Surface Interaction Campaign (CLASIC approved for July/Aug 2007, SGP)</b>
17:40	Schmid for Miller	Overview
17:55	Schmid	CIRPAS Twin Otter Payload
18:00	All	Discussion
18:15	Andrews	Directions to AWG Dinner
19:15	All	AWG Dinner
<b>Friday, Dec. 2</b>		
		<b>Other ARM Infrastructure Presentations</b>
8:30	Kehoe	ARM Data Quality Office
		<b>Aerosol Science Presentations</b>
8:40	Jiang	Aerosol-cloud-radiation-surface flux interactions
8:55	McComiskey	Direct Aerosol Forcing: Calculation from Observables and Sensitivities to Inputs.
9:10	Dubay	Opposite Indirect Aerosol Effect on Water and Ice Cloud Microphysics
9:25	Grabowski	Shallow convection, cloud microphysics, and the indirect impact of atmospheric aerosols
9:40	Penner	Indirect effects intercomparison
9:50	Turner	<b>Indirect and Semi-Direct Aerosol Campaign (ISDAC proposed for April- May 2008, NSA)</b>
10:00		Discussion
10:15	refreshment break	
		<b>Discussions</b>
10:30	All	Future AWG Focus
	All	AWG recommendations on measurements, instruments, IOPs, VAPs, highlights, etc. to be presented at December STEC meeting
	All	Plan for next meeting
12:00	Adjourn	