AGENDA
AIRS Science Team Meeting
March 27-30, 2007
Beckman Institute Auditorium, CalTech
Pasadena, CA
Final Agenda 03/19/07

Tues. March 27, 2007

Continental Breakfast From 8:00 - 8:30 a.m.

Session 1: AIRS Program and Project Status			**8:30 - 10:30 AM**
Moustafa Chahine	JPL	Welcome	8:30 AM
Ramesh Kakar	NASA HQ	Program Update from NASA HQ	8:50 AM
Tom Pagano	JPL	Project Overview	9:10 AM
Session 2: AIRS Climate Science			**9:30 AM - 2:30 PM**
George Aumann	JPL	Climate Session: Processes and Statistics Overview	9:30 AM
Andy Dessler	Texas A&M	Using AIRS and CERES data to understand the regulation of clear-sky OLR	9:40 AM
Tim Barnett	Scripps	Application of AIRS data to the study of water vapor and clouds	10:00 AM
Yuk Yung	Caltech	Using Hyperspectral Data From AIRS for the Validation of Climate Models	10:20 AM
BREAK			***10:40 AM***
Yi Huang	Princeton	An examination of GFDL GCM with AIRS radiances	11:00 AM
Larrabee Strow	UMBC	Radiative Transfer through Clouds for AIRS and CM2 comparison	11:20 AM
Thomas Hearty	JPL	Water vapor seasonal variability, AIRS L2 results vers. climate models	11:40 AM
Dan Feldman	Caltech	AIRS observed Statospheric Cooling Rates compared to Climate Models	12:00 PM
LUNCH			***12:20 - 1:30 PM***
Mitch Goldberg	NESDIS	Application of AIRS Data Subsets to Climate Studies	1:30 PM
Dave Gregorich	JPL	Shortwave incident/reflected light, CERES compared to GISS and CM2	1:50 PM
George Aumann	JPL	Seasonal Variability for climate model evaluation	2:10 PM
BREAK			***2:30 PM***
Session 3: Hydrology & Clouds			**3:00- 5:15 PM**
Brian Kahn	JPL	Hydrology and Clouds	3:00 PM
Eric Fetzer	JPL	Characterizing the hydrologic cycle with AIRS and other A-Train data sets	3:10 PM
Larrabee Strow	UMBC	Aerosol Retrievals AIRS/Picasso comparison	3:30 PM
Hui Su	JPL	Tropical cirrus variation with sea surface temperature and their radiative effect: revisit of "Iris" hypothesis'	3:50 PM
Jao Teixeira	NATO	The transition from the subtropics to the tropics: an intercomparison study	4:10 PM
Joe Santanello	NASA GSFC	Near Suface Land Retrievals and Land-Air Exchange	4:30 PM
Brian Kahn	JPL	Tropical thin cirrus and relative humidity viewed from AIRS	4:50 PM
ADJOURN			***5:15 PM***

AGENDA
AIRS Science Team Meeting
March 27-30, 2007
Beckman Institute Auditorium, CalTech
Pasadena, CA
Final Agenda 03/19/07

Wed. March 28, 2007

Continental Breakfast From 7:30 - 8:00 a.m.

Session 4: Data Assimilation/Weather			**8:00 AM - 12:15 PM**
Tony McNally	ECMWF	AIRS Data Assimilation at ECMWF **(REMOTE PRESENTATION)**	8:00 AM
James Cameron	UKMet	Utilization of AIRS Data (Current and Future Uses)	8:25 AM
Gary Jedlovec	MSFC	AIRS Data for regional forecasting using SPoRT	8:50 AM
Brad Zavodsky	MSFC	AIRS Data Assimilation at the Regional Scale	9:10 AM
Louis Garand	Evironment Canada	AIRS Data assimulation	9:30 AM
Elana Fertig	UMD	Kalman Filter for AIRS Data Assimilation	9:50 AM
BREAK			***10:10 AM***
Joan Alexander	CORA	Analysis of a Mountain Wave Event Observed in AIRS and ECMWF	10:30 AM
Ben Ruston	NRL	AIRS Data Assimilation at NRL	10:50 AM
Nancy Baker	NRL	AIRS Data Assimilation at NRL	11:10 AM
Jason Dunion	NOAA	AIRS Temperature/Moisture Retrievals in the Environment of the Saharan Air Layer and 2005 Tropical Storm Irene	11:30 AM
Joshua Fu	IPRC	Atmosphere-ocean conditions jointly guide convection of boreal-summer intraseasonal waves	11:50 AM
LUNCH			***12:15 - 1:30 PM***

Session 5: AIRS Trace Gas Products			**1:30 - 5:00 PM**
Bill Irion	JPL	Ozone Retrieval Validation	1:30 PM
			1:50 PM
Baijun Tian	JPL	The Madden-Julian Oscillation in the Total Column Ozone	2:10 PM
Xun Jiang	JPL	AIRS CO2 in the Upper Troposphere	2:30 PM
Larrabee Strow	UMBC	Four Years of Zonal CO2 trends from AIRS	2:50 PM
BREAK			***3:10 PM***
Chris Barnet	NESDIS	Methane and Ozone Retrievals with AIRS	3:30 PM
Wallace McMillan	UMBC	4.5 Years of AIRS CO	3:50 PM
Juying Warner	UMBC	AIRS CO comparisons to MOPITT and TES	4:10 PM
Stuart MacCallum	U.Edinburgh	An Optimal Estimation Approach to AIRS CO Retrievals	4:30 PM
ADJOURN			***5:00 PM***

Session 6: AIRS V6 Planning (Evening Work/Meal Session)	**6:00 - 10:00 PM**

AGENDA
AIRS Science Team Meeting
March 27-30, 2007
Beckman Institute Auditorium, CalTech
Pasadena, CA
Final Agenda 03/19/07

Thurs. March 29, 2007

Continental Breakfast From 8:00 - 8:30 a.m.

Session 7: AIRS V5 Performace Improvements			**8:30 - 12:00 PM**
Steve Friedman	JPL	PGE V5 Status	8:30 AM
Joel Susskind	NASA GSFC	V4-V5 Improvements	8:50 AM
Joel Susskind	NASA GSFC	V4-V5 Monthly mean comparisons	9:10 AM
Tom Hearty	JPL	V5 Statistical Analysis	9:30 AM
Wallace McMillan	UMBC	CO retrieval V4/V5 upgrades	9:50 AM
BREAK			***10:10 AM***
Larrabee Strow	UMBC	Infrared RTA upgrades	10:30 AM
Phil Rosenkranz	MIT	Microwave RTA upgrades	10:50 AM
Stephanie Granger	JPL	New L3 products and v4-v5 comparisons	11:10 AM
		Discussion	11:30 AM
LUNCH			***12:00 - 1:30 PM***

Session 8: V4/V5 Validation			**1:30 - 5:30 PM**
Eric Fetzer	JPL	Plans for Validation of Version 5	1:30 PM
Murty Divakarla	NOAA	V4 to V5 Ozone Validation	1:50 PM
David Whiteman	NASA GSFC	Water Vapor and Ozone retrieval validation activities from the WAVES_2006 Field Campaign	2:10 PM
BREAK			***2:30 PM***
Brian Kahn	JPL	Comparisons of AIRS cloud fields with CloudSat/CALIPSO	3:00 PM
Evan Fishbein	JPL	Watervapor Retieval with/without AMSU-B	3:20 PM
Dave Tobin	UW	T./q retrieval validation using ARM data; Update on aircraft validation efforts	3:40 PM
Bob Knuteson	UW	V5 Validation of AIRS Land Surface Temperature and IR Emissivity Products	4:00 PM
Tom Yunk	JPL	3 Way Comparision between AIRS/ECMWF and GPS in Upper Troposphere and Stratosphere	4:20 PM
Mike Iacono	AER	Evaluation of NCAR CAM2 Using AIRS Cloud Cleared Radiances	4:40 PM
Shenfu Dong	U.Miami	Estimates of evaporation over oeans	5:00 PM
ADJOURN			5:30 PM

AIRS 5 Year Celebration Dinner: Details TBD as of 03/06/07

AGENDA
AIRS Science Team Meeting
March 27-30, 2007
Beckman Institute Auditorium, CalTech
Pasadena, CA
Final Agenda 03/19/07

Fri. March 30, 2007

Coffee/Tea from 7:30 - 8:00 a.m.

Session 9: Ops/Calibration/Other			**8:00 - Noon**
Jun Li	UW	Single Field of View Cloudy Sounding Retrievals from Hperspectral IR Radiances	8:00 AM
Bill Blackwell	MIT	Validation of the SCC/Neural Network Retrieval Algorithm using the NOAA Radiosonde Database	8:20 AM
Ed Olsen	JPL	AIRS User Guide	8:40 AM
Sharon Ray	JPL	AIRS Outreach	9:00 AM
Jason Li	NASA GSFC	AIRS Data Services at GES DISC	9:20 AM
BREAK			***9:40 AM***
Denis Elliot	JPL	Long Terms Trending of AIRS Instrument Parameters	10:30 AM
Tom Pagano	JPL	ARIES	10:50 AM
Tom Kampe	Ball	SIRAS-G: Imaging Spectrometer Technology for the Future	11:10 AM
Vince Realmuto	JPL	Mapping Volcanic Plumes with AIRS, MODIS, and ASTER Data	11:30 AM
ADJOURN			***Noon***