Goddard Aerosol Group - Update 2007

Thursday, February 22, 2007, 1:00 PM to 5:00 PM, GSFC Building 33, Room H114

Theme: Aerosol Missions and Science.

1:00   Charles Ichoku: Welcome and Introduction

1:05   New Science from Existing Missions, Chair: Eric Wilcox

1:07   Lorraine Remer: "Satellite-based analysis of aerosol-cloud interactions"

1:19   Andy Ackerman and Ann Fridlind: "Studies of aerosol-cloud interactions with observations and cloud-scale simulations".

1:31   Hongbin Yu: "Satellite-based estimates of transboundary transport of pollution aerosol".

1:43   Santiago Gassó: "Observations of transport of dust in the South Atlantic Ocean: implications for marine biology and paleo-climate studies"

1:55   Ron Miller: "Using observations to reduce uncertainties in dust aerosols"

2:07   Bill Lau: "Saharan dust effects on hurricanes: How nature foiled the 2006 hurricane forecasts"

2:19   BREAK (10 mins)

2:30   New Products from Existing Missions, Chair: Pete Colarco

2:32   Brent Holben: "SMART developments from Ground-based networks (AERONET, MPLNET) while GOCARTing with uncle GIOVANNI's Synergy Tools"

2:44   Michael King: "Cloud and Aerosol Properties from MODIS: Results from Collection 5"

2:56   Nick Krotkov and Omar Torres: "OMI aerosol and SO2 products".

3:08   Judd Welton: "New Aerosol Products from Space-borne Lidar Using Input From Transport Models"

3:20   Arlindo da Silva: "Homogenizing the Aerosol Observing System for Data Assimilation"

3:32   BREAK (10 mins)

3:42 Planned and Proposed Missions, Chair: Judd Welton

3:44   Mian Chin: "Internationally Coordinated Modeling Activities: HTAP and AC&C"

3:56   Michael Mischhenko: "From AVHRR to Glory APS"

4:08   Mark Schoeberl: "The Aerosol-Cloud-Ocean biology Mission"

4:20   J. Vanderlei Martins: "Detailed Measurements of Cloud Aerosol Interaction with Passive Sensors - CLAIM-3D and Beyond"

4:32   P. K. Bhartia: "The New Missions in Atmospheric Chemistry (LEO and GEO)"

4:44   General Questions, Comments, Suggestions (12 mins)

4:56   Closing remarks by Earth Science Director: Dr. Franco Einaudi

5:00   END