

APRS 2006 ( ASIA PASIFIC RADIATION SYMPOSIUM )

July. 31

Registration

Opening remarks		
Guangyu Shi	9:30-9:40	
Clouds from satellites	Moderator ; Takashi Nakajima	
Takashi Nakajima	9:40-10:00	Vertical inhomogenity of cloud droplet size obtained by combined analysis of GLI and AMSR aboard ADEOS-II satellite
Kazuaki Kawamoto	10:00-10:20	Interactions between aerosols and clouds investigated with numerical models sand satellite observations
Hironobu Iwabuchi	10:20-10:40	Retrieval of boundary layer cloud properties from solar reflectance measurements with account for 3D effects
Nick Schutgens	10:40-11:00	Simulation of space-borne Doppler radar observations of clouds; consequences for the planned EarthCARE mission
Chu-Yong Chung	11:00-11:20	Developing the Cloud Detection Algorithm for COMS Meteorological Data Processing System
Hideaki Takenaka	11:20-11:40	Cloud optical thickness estimation from GMS-5/SVISSR
Nawo Eguchi	11:40-12:00	Characteristics of cirrus clouds from the ICESat/GLAS observations
Lunch Break ( 12:00-13:30 )		
Clouds from the ground	Moderator ; Kazuaki Kawamoto	
Suginori Iwasaki	13:30-13:50	Observations of subvisual cirrus clouds with optical particle counters and a lidar at Thailand
Ryoichi Imasu	13:50-14:10	Observation of atmospheric parameters using a synergy system consisted of ground-based FTS, LIDAR, and CPR
Shuichiro Katagiri	14:10-14:30	Relation between cloud droplet size and aerosol with ground-based observation in Fukue Isle
Yuji Nakanishi	14:30-14:50	Coherent time in cloud analysis using 95GHz FM-CW cloud profiling radar
Aerosols Measurements I	Moderator ; Yukio Yoshida	
Jung-Gun Kim	14:50-15:10	Use of aerosol optical properties estimate from skyradiometer measurements for calibrating COMS visible channel
Liping Li	15:10-15:30	Trend of small aerosol fraction in East Asia area from multi-year SeaWiFS and MODIS data
Break ( 15:30-15:50 )		
Takashi Kusaka	15:50-16:10	Evaluation of optical properties of Asian dust estimated from ADEOSII/POLDER data using ground-based polarization measurements
Makoto Kuji	16:10-16:30	Characteristics of sulfate haze over East Asia retrieved with satellite and ground-based remote sensing data
Kazuma Aoki	16:30-16:50	Optical properties of aerosol over the Mt. Tateyama/Toyama
Satoru Fukuda	16:50-17:10	Development of an aerosol retrieval algorithm using Global Imager
Yukio Yoshida	17:10-17:30	Measurement of CO2 absorption spectra at an altitude of 800 meters by using the FTS (GOSAT-BBM) in SWIR region
Jhoon Kim	17:30-17:50	Aerosol type detection using satellite remote sensing over the South-East Asia

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Aerosols Measurements II		Moderator ; Makoto Kuji and Itaru Sano
Yuichiro Hagihara	9:00-9:20	Visible absorption by Asian dust evaluated from a combined use of satellite data, surface observation, and chemical transport model
Mikhail Alexandrov	9:20-9:40	Properties of absorbing aerosols and precipitable water vapor content derived from MFRSR measurements
Masataka Shiobara	9:40-10:00	Aerosol optical properties from shipboard sky-radiometer measurement over the Asian tropical ocean area
Rei Kudo	10:00-10:20	Development of an algorithm to retrieve Aerosol optical properties from Direct and Diffuse irradiances
Break ( 10:20-10:40 )		
Sonoyo Mukai	10:40-11:00	Synthetic monitoring of atmospheric environment of Higashi-Osaka
Itaru Sano	11:00-11:20	Distribution of regional PM map based on satellite data
Daizhou Zhang	11:20-11:40	Particles, Droplets and Droplet Nuclei in Continentally Influenced Stratocumulus over the Sea of Japan: An Aircraft Observation
Zongbo Shi	11:40-12:00	How mixing with soluble species affects hygroscopicity of Asian dust collected at Southwestern Japan
Lunch Break ( 12:00-13:30 )		
Aerosols Measurements III		Moderator ; Tomoaki Nishizawa
Biao Wang	13:30-13:50	Surface Solar Radiation and Aerosol Optical Depth in China, 1950-90s
Jun Zhou	13:50-14:10	High-altitude cirrus from lidar measurements over Hefei ( 31.90oN, 117.16o E ), China
Haruo Tsuruta	14:10-14:30	Chemical Characterization and Single Scattering Albedo of Atmospheric Aerosols measured at Amami-Oshima, Southwest Japan in Spring Seasons
Tomoaki Nishizawa	14:30-14:50	Aerosol optical properties retrieved from a dual-wavelength polarized lidar Measurements over the tropical Pacific Ocean.
Nobuo Sugimoto	14:50-15:10	Lidar observations of aerosols and clouds: Validation of chemical transport models and aerosol climate models
Takao Kobayashi	15:10-15:30	Observation of aerosol and cloud optical properties by ultraviolet high-spectral resolution lidars
Man-Hae Kim	15:30-15:50	Comparison of vertical extinction profiles obtained from 2 ground-based Mie-scattering lidars at Gosan, Korea during ABC-EAREX2005
Break ( 15:50-16:10 )		
Models		Moderator ; Wang Biao
Daisuke Goto	16:10-16:30	Importance of secondary organic aerosol in estimating aerosol indirect effect
Maeng-ki Kim	16:30-16:50	The Effect of Aerosol Radiative Forcing on Spring Precipitation Trend in China
Takamichi Iguchi	16:50-17:10	Numerical simulation of the aerosol-cloud interaction process with use of a regional non-hydrostatic model
Makiko Mukai	17:10-17:30	A study of change of radiation budget over East Asia with aerosol transport model
Tatsuya Mitsui	17:30-17:50	A Numerical Study of Aerosol Indirect Effect and Land Use Change Associated With Cloud Formation

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Radiative Transfer, budget and forcings		Moderator ; Kazuma Aoki and Yoko Tsushima
B.-J. Sohn	9:00-9:20	Dry bias in satellite-derived clear-sky water vapor and its contribution to longwave cloud radiative forcing
Alex Marshak	9:20-9:40	Three-dimensional radiative transfer in cloudy atmospheres
Sai-Chun Tan	9:40-10:00	Effects of Bio-optical Properties of Ocean Water on Remote Sensing of Ocean Primary Productivity by Radiative Transfer Model-Sensitivity Experiments
Yoshiyuki Kawata	10:00-10:20	Computation of Surface Reflectance Ratios for Vegetation between Visible and Infrared Bands Using Satellite and Sky Observation Data
Break ( 10:20-10:40 )		
Yoko Tsushima	10:40-11:00	Importance of the cloud water distribution in the control climate for assessing the response of clouds to carbon dioxide increase
Cui Yu	11:00-11:20	An Empirical Anisotropy Correction Model for Estimating Albedo at Surface for Radiation Budget and Climate Studies
Tadahiro Hayasaka	11:20-11:40	Potential Radiative Forcings to the Surface Shortwave Irradiance over China
Guangyu Shi	11:40-12:00	How much they are in confusion! Surface temperature, solar global radiation, sunshine duration, cloud amount and pan evaporation over China
Teruyuki Nakajima	12:00-12:20	A Possible Strategy for Studying the Aerosol Climate Effects