

No.	Chair	Time	Presenter	oral/poster	Subject	Affiliation	Title
<b>Oral Presentations</b>							
<b>Thursday November 29</b>							
		9:00-10:00	Registration				
		10:00-10:10	Opening address S. Hatakeyama				
1	N. Sugimoto	10:10-10:45	T. Nakajima	Invited	abc	U. Tokyo	Some Results from the Project Salsa: Development of Seamless Chemical Assimilation System and Its Application for Atmospheric Environmental Materials
2		10:45-11:20	D. Winker	Invited	abc	NASA Langley Res. Center	Observations by Satellite Lidar of the Three-Dimensional Distribution of Aerosols
3	K. Matsuda	11:20-11:55	G. Pandithurai	Invited	abc	Indian Inst. Tropical Meteor.	Effect of Absorbing Aerosols over Northern India and Its Effect on Early Monsoon Circulation
4		11:55-12:20	S. Mukai	oral	B	Kinki U.	Applied Remote Sensing for Characterization of Atmospheric Aerosols
Lunch							
5	W. Lenggoro	13:30-13:55	K. Okuyama	oral	A	Hiroshima U.	Multi-Component Secondary Particle Formation and Growth under Low Pressure and Low-Temperature Conditions
6		13:55-14:20	J. Hirokawa	oral	A	Hokkaido U.	Secondary Organic Aerosol Formation from the Isoprene Ozonolysis
7	J. Hirokawa	14:20-14:55	S. Tohno	oral	A	Kyoto U.	Evaluation of Aerosol Emission Sources and Their Impact Potential with Consideration of Globalized Socio-Economic Activities
8		14:55-15:20	T. Sakamoto	oral	E	Kogakuin U.	Individual Analysis of Diesel Nano-Particles using High Resolution TOF-SIMS
Coffee Break							
9	N. Kaneyasu	15:45-16:10	S. Hatakeyama	oral	B	Tokyo U. Agric. Technol.	Aerial Observation of Chemical Composition of Aerosols Transported from East Asia
10		16:10-16:35	D. Zhang	oral	B	Pref. U. Kumamoto	Soot Particles over a Coal-Burning Region in the China Loess Plateau in Winter Observed in Flight Missions 2010
11		16:35-17:00	N. Sugimoto	oral	B	Nat'l Inst. Environ. Studies	Study of Distribution and Characteristics of Aerosols Using Lidar Observation Network
12		17:00-17:25	K. Matsuda	oral	C	Tokyo U. Agric. Technol.	Dry Deposition of Sulfate Aerosols above Forests in East Asia

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<b>Friday November 30</b>							
13	K. Okuyama	09:00-09:35	C. K. Chan	Invited	A	Hong Kong U. Sci. Technol.	Evaluating the Degree of Oxygenation of Organic Aerosols During Foggy and Hazy Days in Hong Kong Using High-Resolution Time-of-Flight Aerosol Mass Spectrometry (HR-TOF-AMS)
14		09:35-10:10	D. Jaffe	Invited	B	U. Washington-Bothell	Use of Chemical Tracers to Identify Sources of Pollution in the Free Troposphere at the Mt. Bachelor Observatory
15	Y. Honda	10:10-10:45	Ho Kim	Invited	D	Seoul National U.	The Effects of Asian Dust Storms on Daily Mortality in Three Asian Cities (Seoul, Taipei, Kitakyushu)
Coffee Break							
16	H. Hara	11:00-11:35	Q. Zhang	Invited	B	U. California, Davis	Impact of Anthropogenic Emissions on Secondary Organic Aerosol Formation in Northern California
17		11:35-12:10	D. Fowler	Invited	C	Penicuik	The Deposition and Effects of Aerosols and Cloud Droplets on Vegetation
Lunch							
18	S. Tohno	13:20-13:45	N. Namiki	oral	A	Kogakuin U.	Development of a Rapid Method to Evaluate Particle Classification Performance for a Virtual Impactor and Field Surveys on Particle Emission from the Cement Plant in China
19		13:45-14:10	H. Kamiya	oral	A	Tokyo U. Agric. Technol.	Aerosol Formation and Emission Behavior Characterization from Stationary Sources
20	T. Izuta	14:10-14:35	H. Hara	oral	C	Tokyo U. Agric. Technol.	Atmospheric Black Carbon and Its Dry Deposition onto Actual Foliage
21		14:35-15:00	H. Sase	oral	C	Asia Center Air Pollution Res.	Seasonal and Annual Fluxes of Elemental Carbon in Tropical Seasonal Forest in Northeast Thailand
		15:00-17:30	<b>Poster Session</b>				
Reception at Ellipse Hall 3F							

No.	Chair	Time	Presenter	oral/poster	Subject	Affiliation	Title
<b>Saturday December 1</b>							
22	R. Funada	09:30-09:55	T. Yamaguchi	oral	C	Hokkaido Inst. Environ. Sci.	Fog Water Chemistry at Lake Mashu, Northern Japan
23		09:55-10:20	G. Katata	oral	C	Japan Atomic Energy Agency	Development of a Sophisticated Land Surface Model for Impact Assessments of Aerosols on Vegetation
24	Q. Wang	10:20-10:45	M. Yamaguchi	oral	C	Tokyo U. Agric. Technol.	Effects of Black Carbon Particles on Growth and Gas Exchange Rates of <i>Fagus crenata</i> , <i>Castanopsis sieboldii</i> , <i>Larix kaempferi</i> and <i>Cryptomeria japonica</i> Seedlings
25		10:45-11:10	I. Noguchi	oral	C	Hokkaido Inst. Environ. Sci.	Evaluation of Aerosol and Gas Deposition in Forest Ecosystems in Northern Japan
Coffee Break							
26	Y. Honda	11:30-11:55	M. Watanabe	oral	C	Hokkaido U.	Photosynthetic Responses of Siebold'S Beech and Oak Saplings Grown in Northern Japan to Free Air Ozone Exposure
27		11:55-12:20	T. Higashi	oral	D	Kanazawa U.	Health Effect of Kosa Aerosol
28		12:20-12:45	S. Nakamura	oral	D	Saitama U.	Allergenic Species Release Behavior of <i>Cryptomeria Japonica</i> Pollen in Rainwater Samples Simulated for Urban Polluted Atmosphere
		12:45-12:50	Closing remarks S. Tohno				

Subjects

abc: Atmospheric Brown Clouds/Asia

A: Evaluation of Aerosol Formation and the Emission Sources

B: Elucidation of Transport and Distribution of Aerosols and Air Pollutants in East Asia

C: Elucidation of the Impacts of Aerosols on Plants

D: Elucidation of the Impacts of Aerosols on Human Health

E: Related fields

No.	Chair	Time	Presenter	oral/poster	Subject	Affiliation	Title
<b>Posters</b>							
<b>Friday November 30 15:00-17:30</b>							
1			T. Mochizuki	poster	A	U. Shizuoka	Biogenic Volatile Organic Compounds Fluxes above a Japanese Larch Forest and Japanese Red Pine Forest
2			M. Arai	poster	A	Tokyo U. Agric. Technol.	Evaluation of Fine Particle Emission From Stationary Sources by Surface Area Concentration
3			K. Sekiguchi	poster	A	Saitama U.	Behavior of Chemical Components in Ultrafine and Fine Particles Transported from Roadside to Background Sites in a Suburban Area
4			S. Inomata	poster	A	Nat'l Inst. Environ. Studies	Analysis of Organic Components in Secondary Organic Aerosols by Proton Transfer Reaction Mass Spectrometry and Discussion on Oxidation Mechanism of Isoprene
5			T. Seto	poster	A	Kanazawa U.	New Particle Formation and Growth Observed at Fukue Island in March 2012
6			T. Fujimoto	poster	A	Muroran Inst. Technol.	Generation and Growth of Sulfuric Acid Aerosol under Low Pressure and Low Temperature Conditions
7			J. Matsumoto	poster	A	Waseda U.	Measurement of Total Alkyl Nitrates to Evaluate Secondary Organic Aerosols
8			K. Takahashi	poster	A	Kyoto U.	Pulsed Laser Photolysis – Laser Induced Fluorescence Study of the Gas-Phase Reactions in Relevance to Atmospheric Oxidation Processes of Isoprene
9			H. Kawashima	poster	A	Akita Pref. U.	Reaction Mechanism and Source Apportionment of Ammonium and Nitrate Ion in Aerosol
10			C. Minejima	poster	A	Tokyo U. Agric. Technol.	Comparison of -O <sub>2</sub> /CO <sub>2</sub> Changing Ratio in Pollution Events Observed at Hateruma with Those Based on Emission Inventories and Model Simulations Using Flexpart 3 and Flexpart 8
11			M. Nishizawa	poster	A	Nat'l Inst. Environ. Studies	Source-Receptor Analysis of Particulate Matters in East and Southeast Asia Using Numerical Models
12			M. Okumura	poster	A	Kyoto U.	Biogenic Volatile Organic Compound Emissions from Tropical Tree Species in Malaysia
13			Y. Sakamoto	poster	A	Hokkaido U.	Secondary Organic Aerosol Formation from Ethylene Ozonolysis

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14			Y. Zaizen	poster	B	Meteor. Res. Inst.	Features of Aerosol Particles Collected at Mt. Kiso-Komagatake during Foggy Condition in Summer 2012
15			Y. Araki	poster	B	Tokyo U. Agric. Technol.	Size-Segregated Elemental Composition of Aerosol in Okinawa
16			M. Tanaka	poster	B	Tokyo U. Agric. Technol.	Observation of Atmospheric PAHs and Long-Chain Alkanes around the East China Sea
17			T. Arakaki	poster	B	U. Ryukyus	Spatial and Temporal Variations of Chemicals in Bulk Aerosols Simultaneously Collected at Three Islands in Okinawa, Japan
18			T. Hidemori	poster	B	Nagoya U.	Chemical Characterization of Metal-Containing Aerosols Measured with Laser Ionization Single-Particle Mass Spectrometer in the Spring of 2010 in Fukue Island
19			K. Sato	poster	B	Nat'l Inst. Environ. Studies	Regional- and Local-Scale Air Pollutions of Organic Aerosol at Urban Site in Kyushu Island, Japan
20			H. Fujiwara	poster	B	Osaka Pref. U.	Aircraft Measurements of Nitrogen Compounds over the East China Sea
21			K. Matsuda	poster	C	Tokyo U. Agric. Technol.	Development of an Aerosol Flux Measurement System Using the Relaxed Eddy Accumulation Method
22			T. Isobe	poster	C	Waseda U.	Evaluation of the Long-Range Transportation of Acidic Aerosol from the Continent to Japan Based on Observation on Mt. Fuji
23			M. Fujita	poster	C	Waseda U.	Dry and Wet Deposition of Polycyclic Aromatic Hydrocarbons in a Suburban Small Forest and in Mountainous Area
24			H. Eguchi	poster	C	Waseda U.	Dry Deposition of Acidic Aerosol and Leaching Process of Inorganic Nitrogen in a Small Forest Ecosystem in the Tokyo Metropolitan
25			K. Takada	poster	C	Waseda U.	Observation of the Forest Filter Effect and the Estimation of the Amount of Dry Deposition in Suburban Small Forest in Tokyo Area,
26			M. Soda	poster	C	Waseda U.	The Behavior and Effects of Surface-Active Substances in Atmospheric Environment (3)
27			H. Ogata	poster	C	Waseda U.	Observation of Forest Canopy Efficiency by Vertical Profiles of Aerosols in a Small Forest
28			K. Yamane	poster	C	Tokyo U. Agric. Technol.	Analysis of Mechanism of Absorption and Adsorption of Aerosol in Trees
29			W. Lenggoro	poster	C	Tokyo U. Agric. Technol.	A Plant Growth Chamber System Facilitated with Aerosol Depositor for Transporting Submicron Articles onto Leaf Surfaces

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30			M. Takayanagi	poster	C	Tokyo U. Agric. Technol.	Open-Path FTIR Spectroscopy for Observation of Vertical Distribution of Atmospheric Trace Gases in a Forest
31			Y. Watanabe	poster	C	Hokkaido U.	Aerosol Deposition and the Response to Trees in Cool-Temperate Forests
32			M. Yamaguchi	poster	C	Tokyo U. Agric. Technol.	Experimental Study on the Effects of Ammonium Sulfate Particles on <i>Fagus crenata</i> , <i>Castanopsis sieboldii</i> , <i>Larix kaempferi</i> and <i>Cryptomeria japonica</i>
33			Y. Kambayashi	poster	D	Kanazawa U.	Characteristics of Polycyclic Aromatic Hydrocarbons and Heavy Metals in Total Suspended Particulate during Asian Dust Period in Japan
34			T. Okuda	poster	D	Keio U.	Comprehensive Aerosol Analysis and Risk Assessment in East Asia for Epidemiological Studies
35			X. Gong	poster	D	Saitama U.	Atmospheric Behavior of <i>Cryptomeria japonica</i> Pollen and Its Respirable Allergenic Particles in the Urban Area of Japan
36			M. Yagishita	poster	D	Nat'l Inst. Environ. Studies	Distribution of Polycyclic Aromatic Sulfur Heterocycles in Total Suspended Particle and Gaseous Phase in Japan
37			K. Ohishi	poster	E	Kogakuin U.	Suppression of Deposition in Laser Post-Ionization Sputtered Neutral Mass Spectrometry of Polycyclic Aromatic Hydrocarbons on Cooling Process
38			N. Mayama	poster	E	Tokyo Inst. Technol.	Individual Analysis of Fine Aerosol Particles Using High Resolution TOF-SIMS