

Program (provisional, ver. Oct. 19)

November 10 (Tuesday)		
Start	End	
16:00	17:30	Registration (Entrance and Lounge at the 3rd Floor, Kobe International Conference Center)
17:00	19:00	Ice Breaker (Entrance and Lounge at the 3rd Floor, Kobe International Conference Center)

November 11 (Wednesday)						
Registration 8:15-17:00						
Start	End	No.	Room A (301)	No.	Room B (401+402)	Room C (403)
			Opening			
			Chairperson: Hiroaki Kondo			
9:00	9:15	O-1	Hiroshi Niino (The University of Tokyo, Japan)			
			Welcome Address			
			Plenary Session (Keynote Lectures)			
9:15	9:55	K-1	Tetsuzo Yasunari (Research Institute for Humanity and Nature, Japan)			
			Future Earth: Its Importance and Implications in Asia			
			Chairperson: Mizuo Kajino			
9:55	10:35	K-2	Gregory Carmichael (The University of Iowa, USA)			
			Atmospheric Composition Matters: To Air Quality, Weather, Climate and More			
10:35	10:50	O-2	Local Executive Committee (Sachiho Adachi, RIKEN, Japan)			
			Guidance of the Trip to RIKEN and Banquet Cruise			
10:50	11:15	Coffee break				
			Session 1: Air quality integrated assessment at the regional/urban scales	Session 5: Impact and adaptation methodology for climate change in urban areas, and	Session 6: Applying a Computational Fluid Dynamic model to atmospheric environmental issues	Session 9: How can electron microscopy improve atmospheric models?
			Chairpersons: Philippe Thunis and Alain Clappier	Chairpersons: Hiroaki Kondo and Satoru Iizuka	Chairpersons: Yuji Zaizen and Kouji Adachi	
11:15	11:30	1-1	Miaomiao Lu (Chinese Academy of Sciences, China)	5-1	Makoto Nakayoshi (Tokyo University of Science, Japan)	9-1
			Factors Contributing to the Haze Pollution in Wuhan during October 2014: Local Emissions, Regional Transport and Biomass Burning	Development of Globe Anemo-Radiometer		Physicochemical Properties of Coarse-Grained Aerosol Particles Collected in Kumamoto, Southwestern Japan: Relationships to Meteorological Conditions
11:30	11:45	1-2	Zhiwei Han (Chinese Academy of Sciences, China)	5-2	Hideki Takebayashi (Kobe University, Japan)	9-2
			The Transport Feature and Source Contribution during Winter Haze Events in the Beijing-Tianjin-Hebei Region	Analysis of the Relationship between Urban Size and Heat Island Intensity by Using WRF model		Kouji Adachi (Meteorological Research Institute, Japan)
11:45	12:00	1-3	Alain Clappier (Université de Strasbourg, France)	5-3	Fang-Yi Cheng (National Central University, Taiwan)	9-3
			Source-Receptor Relationships for Integrated Assessment Modelling	Influence of Regional Climate Change on Meteorological Characteristics and Their Subsequent Effect on Ozone Dispersion in Taiwan		Hiroko Ogata (Waseda University, Japan)
			Chairpersons: Alain Clappier and Philippe Thunis	Individual Particles in the Ambient Air and in Cloud Water at the Top of Mt. Fuji		
12:00	12:15	1-4	Philippe Thunis (EC Joint Research Centre, Italy)	5-4	Satoru Iizuka (Nagoya University, Japan)	9-4
			An Approach to Explore Potential Air Quality Improvements at the Regional/Local Scales	Environmental Assessment of an Urban Planning in Vietnam under Future Global Warming		Yuji Zaizen (Meteorological Research Institute, Japan)
				Improvement of Quantification by TEM/EDS Analysis for Individual Aerosol Particles Using Monte Carlo Method and Comparison with AMS		
12:15	13:15	Lunch Break				
13:15	14:15	Poster presentations (Reception Hall:odd board number)				
14:15	14:30	1-5	Hak-Sung Kim (Korea Centre for Atmospheric Environment Research, Republic of Korea)	5-5	Shadananan Nair (Nansen Environmental Research Centre, India)	9-5
			Long-term Variations of Duststorms and Associated Dustfall Episodes Observed in Central Korea from 1997 to 2015	Impact of Climate Change and Environmental Changes on the Megacities of India: Challenges in Adaptation and Mitigation		An Experimental Evaluation on Heterogeneous Ice Nucleation Ability of Atmospheric Dust Aerosol in Late Spring 2014
14:30	14:45	1-6	Melek Kara (Dokuz Eylul University, Turkey)	6-1	Tetsuji Yamada (Yamada Science and Art Corporation, USA)	9-6
			The Source Apportionment of PM Using Multiple Site Data in a Heavily Industrialized Region	Downscaling Mesoscale Meteorological Model to Simulate Airflows around Buildings in Urban Areas Complex Terrain		Tetsuo Sakamoto (Kogakuin University, Japan)
				Chair: Koichi Sada and Jiro Yoneda		Individual Analysis of PM2.5 and Yellow Sands by means of a High Resolution TOF-SIMS
14:45	15:00	1-7	Yun Fat Lam (City University of Hong Kong, Hong Kong)	5-6	Hiroaki Kondo (National Institute of Advanced Industrial Science and Technology, Japan)	9-7
			Development of Hybrid Statistical Model for Next-day PM2.5 and PM10 Forecasts in Hong Kong	A New Parameterization for Mixing Length in Urban Canopy Derived from LES Database		Chair: Yasuhiro Igarashi and Mizuo Kajino
			Discussion for Session 1			Daisuke Goto (National Institute for Environmental Studies, Japan)
15:00	15:15	1-8		6-2	Toshiya Yoshida (Kyoto University, Japan)	9-8
				Large-Eddy Simulation of Turbulent Flow Structure over Urban Area		Regional Simulation of Aerosols Using NICAM-Chem with a Stretched-Grid System
						Mizuo Kajino (Meteorological Research Institute, Japan)
						Toward Consistent Prediction of Physical, Chemical and Optical Properties of Aerosols, Gases and Precipitation in Northeast Asia
15:15	15:45	Coffee break				
			Session 16:Improvement of air quality in developing countries			
			Chairperson: Gakuji Kurata			
15:45	16:00	16-1	Miguel Magana (National Institute of Ecology and Climate Change, Mexico)	6-3	Jiro Yoneda (Mitsubishi Heavy Industries, Ltd., Japan)	9-9
			Evaluation of Volatile Organic Compounds in the Metropolitan Areas of Mexico, Guadalajara and Monterrey, and Proposal of Assessment of Greenhouse Gas and Air Pollutant Emissions from Biomass Burning in Indonesia during 2013	Numerical Simulations of Atmospheric Dispersion Considered with Fluctuations of Wind Direction		Hiroshi Ishimoto (Meteorological Research Institute, Japan)
16:00	16:15	16-2	Andik Prabadi (Kyoto University, Japan)	6-4	Hiroshi Niino (The University of Tokyo, Japan)	9-10
			Assessment of Greenhouse Gas and Air Pollutant Emissions from Biomass Burning in Indonesia during 2013	Horizontal Turbulent Diffusivity in the Atmospheric Boundary Layer: An Idealized Study for a Convective Mixed Layer		Modeling of Mineral Particles from Microscopic Images for the Use of Advanced Remote Sensing Applications
16:15	16:30	16-3	W.R.L.Hiranthi Jansz (Central Environmental Authority, Sri Lanka)	6-5	Ryohji Ohba (The University of Tokyo, Japan)	9-11
			Improvement of Air Quality in Sri Lanka	Report of the Special Meeting on CFD Guideline at CWE2014		Pradeep Khatri (Chiba University, Japan)
16:30	16:45			6-6		9-12
				Discussion for Session 5 and 6		Study of Light Absorption Characteristics of Aerosols Using Sky Radiometer Data of SKYNET
16:45	17:00			15-1	Ken Yamashita (Asia Center for Air Pollution Research, Japan)	
				Cost-Benefit Analysis of Reducing Health-Effect Caused by Exposure to Ozone and PM2.5 in East Asia, and Co-Benefit Approach for Climate Change Issue		
17:00	17:15			15-2	Shiliang Wu (Michigan Technological University, USA)	
				Long-term Changes in Extreme Air Pollution Meteorology and Implications for Air Quality		
18:00	20:00	ICC meeting (Portopia Hotel)				

Program (provisional, ver. Oct. 19)

November 12 (Thursday)							
8:15-12:30 Registration							
Start	End	No.	Room A (301)	No.	Room B (401+402)	No.	Room C (403)
			Session 2: Volatile organic compounds and their relationship with ozone in the atmosphere Chairpersons: Hiroshi Yoshikado and Sean Ho Min Lam		Session 3: Physicochemical properties of carbonaceous aerosols and their effects on air quality, public health and Chairpersons: Shantanu H. Jathar and Shinichi Enami		Session 17: Long-range and cross-boundary transport in Asia-Pacific region Chairpersons: Hikari Shimadera and Guey-Rong Sheu
8:30	8:45	2-1	Hiroshi Yoshikado (Japan Weather Association, Japan) Effect of VOC Reduction on High Ozone Concentrations in Summer in Tokyo and Northern Inland Areas	3-1	Kei Sato (National Institute for Environmental Studies, Japan) Terpenylic Acid and Nine-carbon Multifunctional Compounds Formed during the Aging of β -pinene Ozonolysis Secondary Organic Aerosol	17-1	Hikari Shimadera (Osaka University, Japan) Evaluation of Air Quality Model Performance for PM _{2.5} Simulation by Focusing on Long-range Transport and Local Pollution in Japan
8:45	9:00	2-2	Likun Xue (Shandong University, China) Photochemical Smog in Major Cities of China: Ozone-Precursor Relationships, Local vs Regional Effects, and Heterogeneous Processes	3-2	Shinichi Enami (Kyoto University, Japan) Elucidating the Photochemical Aging Mechanism of Aqueous Organic Aerosols	17-2	Xiaole PAN (Kyushu University, Japan) Simultaneous Transport of Asian Mineral Dust Aerosols with Anthropogenic Pollutants Revealed by a Polarization Optical Particle Counter (POPC)
9:00	9:15	2-3	Hai Guo (The Hong Kong Polytechnic University, Hong Kong) Photochemical Pollution in Mountainous Areas in Hong Kong	3-3	Hajime Akimoto (National Institute for Environmental Studies, Japan) Overview of Present Status of Global/Regional Modeling with Explicit-mechanisms of SOA Formation	17-3	Ming-Tung Chuang (National Central University, Taiwan) Simulating the Long-Range Transport Biomass Burning Plume Approaching Mt. Lulin during the 7-SEAS/2010 Dongsha Experiment
9:15	9:30	2-4	S.H.M. Lam (Pacific Environment Limited, Australia) Examination of Ozone Formation - A Comparison Study Utilizing Photochemical Ozone Creation Potentials (POCPs)	3-4 invited end: 9:35	Aiko Matsunaga (University of California, USA) Development of a Chemically-Specified Model of Secondary Organic Aerosol (SOA) Formation from the Reaction of OH Radicals with 2-Methyl-1-Alkenes - From a Smog Chamber to a SOA Formation Prediction Model	17-4	Yukako Miya (Japan Weather Association, Japan) PM _{2.5} Forecasting System Covering East Asia - Validation Study
9:30	9:45	2-5	Kazuyo Akiyama (Osaka University, Japan) Evaluation of Biogenic Emission Sources Contributing to Ozone Concentration in Osaka	3-5 invited 9:35-9:55	Shantanu Jathar (Colorado State University, USA) The Influence of Constrained Multi-generational Oxidation on the Mass, Composition and Properties of Secondary Organic Aerosol in the United States	17-5	Guey-Rong Sheu (National Central University, Taiwan) Trans-Boundary Transport of Atmospheric Mercury from the East Asian Anthropogenic and Southeast Asian Biomass Burning Emissions to the Mountain Areas of Taiwan
9:45	10:00	2-6	Anjali Srivastava (National Environmental Engineering Research Institute, India) Climate Change: Short-Lived Climate Forcers and Ozone in Urban Area of Kolkata	3-6 9:55-10:10	Lan Yao (The Hong Kong Polytechnic University, Hong Kong) Characteristics, Sources and Secondary Formation of Carbonaceous Aerosols in Summer at a Rural Site in North China Plain	17-6	Muhammad Fahim Khokhar ((National University of Sciences and Technology, Pakistan) Exploring the Long-term Trends of Atmospheric Composition over Pakistan by Exploiting Satellite Observations
10:00	10:30		Coffee break				
			Chairpersons: Hai Guo and Likun Xue				Session 18: Meteorology related to air pollution Chairpersons: Jerzy Bartnicki and Dmitry Belikov
10:30	10:45	2-7	Erik Velasco (Singapore-MIT Alliance for Research and Technology, Singapore) Design and Testing of the VOC Monitoring Network of Mexico City: Results of the 2012 Ozone-Season Campaign	3-7	Yuji Fujitani (National Institute for Environmental Studies, Japan) Comparison of Redox Activity of Roadside and Urban Aerosols in Japan	18-1	Mizuo Kajino (Meteorological Research Institute) Synergy between Air Pollution and Urban Meteorology Change through Aerosol-radiation-diffusion Feedback - A Case Study of Beijing in January 2013 -
10:45	11:00	2-8	Jiuliang Sheng (Beijing Weather Modification Office, China) The Measurement of Volatile Organic Compounds (VOCs) Using PTR-TOF-MS in Beijing: The Photochemical Characters and the Role of the Meteorological Conditions	3-8	Akihiro Fushimi (National Institute for Environmental Studies, Japan) Chemical Composition and Redox Activity of Particulate Matter Emissions from Open Burning of Crop Residues	18-2	Dmitry Belikov (National Institute of Polar Research, Japan) Numerical Predictions of Meteorological Parameters and Urban Air Pollution under Weak Wind Conditions
11:00	11:15	2-9	To Thi Hien (Vietnam National University, Vietnam) First Investigation Using Passive Sampler to Determine Spatial Trend of Volatile Organic Compounds (VOCs) in Ambient Air in Ho Chi Minh City, Vietnam	3-9	Chairpersons: Tomoki Nakayama and Hwajin Kim Bing Chen (Shandong University, China) An <i>In-Situ</i> Dissolution and Filtration (ISDF) Decoating Method Doubled Radiative Absorption of Black Carbon Aerosols in North China	18-3	Wonlee Nounmusig (Kasetsart University, Thailand) Atmospheric Transport Pattern of Ninh Thuan1 Nuclear Power Plant Accident
11:15	11:30	2-10	Xiaopu Lyu (The Hong Kong Polytechnic University, Hong Kong) Examination of an Intervention Program on Liquefied Petroleum Gas (LPG) Vehicles in Hong Kong: Emission Reduction, Ozone Production and Photochemical Reactivity	3-10	Tian Xia (University of Michigan, USA) Optical and Physical Characterization of Coal Fly Ash and Powdered Activated Carbon Agglomerates	14-1	Jerzy Bartnicki (Norwegian Meteorological Institute, Norway) Hypothetical Accident in K-27 Nuclear Submarine and Potential Impact in Norway
11:30	11:45	2-11	Yanhong Zhu (Shandong University, China) Molecular Characterization of Organic Aerosol and Long-range Transport of Air Pollution in the Remote Atmosphere of Northern China: Results from the Mt.Tai Observatory	3-11 invited end: 11:50	Hwajin Kim (University of California, USA) Light Absorption Properties of Water Soluble Organic Aerosol from Residential Wood Burning in Fresno, CA: Results from NASA DISCOVER-AQ 2013 Study		
11:45	12:00	2-12	Wei Lu (Shandong University, China) Diurnal/Nocturnal Concentrations and Sources of PM _{2.5} -bound PAH, Nitrated PAH and Oxygenated PAH in Northern China during Biomass Burning Periods in June 2013	3-12 invited 11:50-12:10	Paola Formenti (Laboratoire Interuniversitaire des Systèmes Atmosphériques, France) Aging of Secondary Organic Aerosol Generated from the Ozonolysis of α -pinene: Changes in Chemical Composition, Hygroscopicity and Optical Properties		
12:00	12:15	2-13	Discussion for Session 2	3-13 12:10-12:25	Xuehua Zhou (Shandong University, China) Brown Carbon Formation from Glycolaldehyde in Aqueous Aerosols and Clouds: Laboratory Studies		
12:30	13:30		Lunch Break				
	13:30-15:00		Trip to RIKEN and Meriken (American) Park: Group 1 (Participants in Session 3 are recommended to join in Group 2 or 3)	3-14 13:30-13:45	Tomoki Nakayama (Nagoya University, Japan) Laboratory Studies of Optical Properties of Isoprene SOA		
				3-15	Discussion for Session 3		
				14:15-16:00	Trip to RIKEN and Meriken (American) Park: Group 2	15:15-17:00	Trip to RIKEN and Meriken (American) Park: Group 3
19:00	21:10		Banquet Cruise (Harborland: Mosaic)				

Program (provisional, ver. Oct. 19)

November 13 (Friday)								
Registration 8:15-12:00								
Start	End	No.	Room A (301)	No.	Room B (401+402)	No.	Room C (403)	
			Session 4: International research projects on global and regional atmospheric environment under the SATREPS Chairpersons: Akira Mizuno and Nobuo Sugimoto			Session 7: Regional/urban emission inventory in Asia Pacific region Chairpersons: Tazuko Morikawa and Krishna Vadrevu	Session 13: Chemistry in the troposphere Chairpersons: Chika Minejima and Neng-Huei (George) Lin	
8:30	8:45	4-1	Akira Mizuno (Nagoya University, Japan)	7-1	Michael Tschantz (Mead Westvaco Corporation, USA)	13-1	Yujia Tang (Chinese Academy of Sciences, China)	
			SAVER-Net: a Project to Construct an Observing Network and to Develop Pathways to Distribute the Risk Information of Atmospheric Ozone, UV Radiation, and Aerosols for the Southern Part of South America			Impacts of an Unknown Daytime HONO Source on the Mixing Ratio and Budget of HONO, and Hydroxyl, Hydroperoxyl and Organic Peroxy Radicals, in the Coastal Regions of China		
8:45	9:00	4-2	Elian Wolfram (CEILAP, Argentina)	7-2	Hiroyuki Yamada (National Traffic Safety and Environment Laboratory, Japan)	13-2	Chika Minejima (Tokyo University of Agriculture and Technology, Japan)	
			Ozone and UV Radiation Monitoring in the Framework of SAVER-Net Project			Measurements of Nitrous Acid (HONO) Direct Emission from Rice Paddy Soil in 2013 and 2014 and Its Contribution to Atmospheric HONO Concentration		
9:00	9:15	4-3	Hideharu Akiyoshi (National Institute for Environmental Studies, Japan)	7-3	Joshua Fu (University of Tennessee, USA)	13-3	Tao Wang (The Hong Kong Polytechnic University, Hong Kong)	
			Dynamical and Chemical Analysis of the Low Total Ozone Event over Rio Gallegos in November 2009 and Its Application to Ozone Prediction			Heterogeneous Uptake of N ₂ O ₅ and Its Role in Chlorine Activation and Ozone Formation		
9:15	9:30	4-4	Nobuo Sugimoto (National Institute for Environmental Studies, Japan)	7-4	Shinichi Okayama (Japan Automobile Manufacturers Association, Japan)	13-4	Hao Wang (Shandong University, China)	
			Tropospheric Aerosol Lidar Observation Network in the SAVERNet Project			Fast N ₂ O ₅ Heterogeneous Loss and ClNO ₂ Production on Urban Surfaces in North China		
9:30	9:45	4-5	Gakuji Kurata (Kyoto University, Japan)	7-5	Jun-ichi Kurokawa (Asia Center for Air Pollution Research, Japan)	13-5	Le Cao (Nanjing University of Information Science and Technology, China)	
			Quantification of Co-benefit of Low Carbon Society Policies on Air Pollution in Iskandar Malaysia			Modeling of the Occurrence and the Termination of Tropospheric Ozone Depletion Events in the Polar Spring		
9:45	10:00	4-6	Armando Retama (Secretaria del Medio Ambiente del Distrito Federal, Mexico)	7-6	Kei-ya Yumimoto (Meteorological Research Institute, Japan)	13-6	Chang-Feng Ou-Yang (National Central University, Taiwan)	
			Black Carbon, Water-Soluble Ions and PM _{2.5} Mass Concentrations During Wintertime in Mexico City			Measurements of Tropospheric N ₂ O and SF ₆ in the East Asia		
10:00	10:30	Coffee break						
10:30	10:45	4-7	Alberto Mendoza (Tecnologico de Monterrey, Mexico)	7-7	S. K. Sahu (National Institute for Environmental Studies, Japan)	11-1	Neng-Huei (George) Lin (National Central University, Taiwan)	
			Reactive Nitrogen in the Urban Atmosphere of Monterrey Metropolitan Area: Implications for Ozone Control Strategies Selection			Overall Precipitation Chemistry in Taiwan and Its Response to Air Pollution Control Policies		
							Session 10: Urban air quality: Climate change, health and resilience Chairpersons: Chirashree Ghosh	
10:45	11:00	4-8	Agustin Garcia-Reynoso (Universidad Nacional Autonoma de Mexico, Mexico)	7-8	Krishna Vadrevu (University of Maryland College Park, USA)	10-1	Alok Pandey (Jawaharlal Nehru University, India)	
			Air Quality Benefit Assessment System Applied in Mexico			Satellite Based AOD, NO ₂ , SO ₂ and HCHO Seasonal Variation over the Indo Gangetic Plain, India		
11:00	11:15	4-9	Discussion for Session 4	7-9	Satoru Chatani (National Institute for Environmental Studies, Japan)	10-2	Priyanka Sharma (University of Delhi, India)	
						Plants as a Tool for Remediating Atmospheric Particulate Matter and Trace Elements		
			Session 21: Urban air quality and environment Chairpersons: Jun Matsumoto and Xiao Tang					
11:15	11:30	21-1	Jun Matsumoto (Waseda University, Japan)	7-10	Tazuko Morikawa (Japan Petroleum Energy Center, Japan)	10-5	Konstantinos Markakis (Ecole Polytechnique, France)	
			Monitoring of NO ₂ /NO _x Ratio in Individual Events of NO _x Emission Based on Continuous, Simultaneous and Second-scale Observations of Atmospheric O ₃ and NO _x			High-Resolution Modelling of Human Exposure for the Mid-21st Century in Paris, France under Changed Climate, Emissions and Building Stock Evolution		
11:30	11:45	21-2	Sandy E. Benitez-Garcia (Ehime University, Japan)	7-11	Discussion for Session 7	10-6	Chirashree Ghosh (University of Delhi, India)	
			Application of a Numerical Simulation Model for Estimation of Meteorological Parameters and Ozone Production in Mexico City			Understanding Climate Change Scenario in Delhi, India		
							Session 12: Aerosols Chairpersons: Chelsea Corr and Seizi Koga	
11:45	12:00	21-3	Xiao Tang (Chinese Academy of Sciences, China)	12-1	Junmei Zhang (Shandong University, China)	10-8	Discussion for session 10	
			Applications of EnKF to Air Pollution Estimation and Real-time Forecast in China					
12:00	13:00	Lunch Break						
13:00	14:00	Poster presentations (Reception Hall: even board number)						
14:00	14:15	21-4	Takashi Ogawa (Osaka Prefecture University, Japan)	12-2	Zhen Cheng (Shanghai Jiao Tong University, China)			
			Influence of Changes in Power Generation Mix on Photochemical Pollution in Kansai Area			Aerosol Mass Scattering Efficiencies under High Mass Loading for the Megacity of Shanghai, China		
14:15	14:30	21-5	Shan-Ping Chien (National Central University, Taiwan)	12-3	Smita Agarwal (CSIR-National Environmental Engineering Research Institute, India)			
			A Numerical Study to Understand the Emission Source Contributions of PM _{2.5} Concentration in Taiwan Using CMAQ			Seasonal Variability of Size-segregated Bioaerosols in an Agricultural Field Surrounded by Urban Atmosphere in New Delhi		
14:30	14:45	21-6	Xia Li (Beijing Weather Modification Office, China)	12-4	Yange Deng (Nagoya University, Japan)			
			Hygroscopic and Extinction Properties of Urban Aerosol during Heavy Haze Events in Beijing, China			Atmospheric Aerosol Measurement Using a Cloud Condensation Nuclei Counter at a Forest Site in Wakayama, Japan		
14:45	15:00	21-7	Amin Nawahda (Sohar University, Oman)	12-5	Yasuyuki Itano (Osaka City Institute of Public Health and			
			Deployment of DOAS Instrument for Estimating the Gas Emissions from Vehicles: The Case of Sohar Highway, Oman.			Diurnal Variation Pattern of PM _{2.5} , SPM, and Black Carbon Mass Concentrations Observed at Eight Sites in Japan		
15:00	15:30	O-3	Closing					

Poster sessions

Poster session November 11, 13:15-14:15 (Reception Hall)		
Board No.	Session	First Author/Title
1	P1-1	Chien-Wei Huang (Environmental Protection Administration, Taiwan) Characterizing the Air Quality of Taiwan from 1996 to 2014 using Self-organizing Map
3	P1-2	Jian Lin (Chinese Academy of Sciences, China) Local and Outside Source Contributions to Secondary Organic Aerosol in the Beijing Urban Area in Summer
5	P1-3	Liu Wei (Chengdu University of Information Technology, China) Identification and Comprehensive Evaluation of Regional Complex Air Pollution
7	P2-1	Seizi Koga (National Institute of Advanced Science and Technology, Japan) Volatile Organic Compounds in Coarse Aerosol Particles over the Western North Pacific
9	P2-2	Canceled
11	P3-1	Kento Kinouchi (Kanazawa University, Japan) How Much Impact Does Aerosol Chemistry Have on the Cloud Activation Kinetics?
13	P3-2	Yu Morino (National Institute for Environmental Studies, Japan) Simulation of Dimerization Process Using Secondary Organic Aerosol Models
15	P3-3	Wenyi Yang (Chinese Academy of Sciences, China) Modeling Study of Surface Ozone Source-Receptor Relationship in East Asia
17	P3-4	Daishi Onizuka (Kanazawa University, Japan) Characterization of Ultrafine Carbonaceous Aerosols at NOTO Region, Japan
19	P5-1	Sachiho A. Adachi (RIKEN, Japan) Application of a Meteorological Large Eddy Simulation Model to Practical Atmospheric Phenomena
21	P6-1	Koichi Sada (Central Research Institute of Electric Power Industry, Japan) Development of Atmospheric Diffusion Numerical Model for Safety Analysis and Calculations around the Building and Complex Terrain
23	P6-2	Hiroshi Takimoto (Central Research Institute of Electric Power Industry, Japan) Prediction of the Near-field-scale Atmospheric Dispersion of a Tracer Gas Using a High-resolution Meso-scale Meteorological Model
25	P6-3	Takenobu Michioka (Central Research Institute of Electric Power Industry, Japan) Effect of Additional Structures on Effective Stack Height
27	P6-4	Hiroki Ono (Central Research Institute of Electric Power Industry, Japan) Development of a Numerical Method to Predict Dispersion of Hydrogen Sulfide for Environmental Impact Assessment of Geothermal
29	P6-5	Kazutaka Takata (Kure National Institute of Technology, Japan) Prediction of Visible Plume from a Wet/Dry Type Cooling Tower
31	P6-6	Tangzheng Du (The University of Hong Kong, Hong Kong) Chemically Reactive Pollutant Dispersion over Urban Street Canyons
33	P9-1	Ayumi Iwata (Kanazawa University, Japan) Individual Analysis of Coarse Particles by Combined SEM-EDX, AFM and Raman Microspectrometry
35	P9-2	Yasuhiro Igarashi (Meteorological Research Institute, Japan) Challenges of High Time Resolution Direct Observation of Aerosol Metal Elements in the Field by Using Gas-Conversion ICP-MS II
37	P9-3	Paola Formenti (Laboratoire Interuniversitaire des Systèmes Atmosphériques, France) Does the Long-Range Transport of African Mineral Dust across the Atlantic Enhance Their Hygroscopicity?
39	P11-1	Kazuo Ito (Osaka Prefecture University, Japan) Application of SIMPLB Model to Determine the Impact of Acidic Deposition on Japanese Cypress Forest Soil on Mt. Rokko in Kobe
41	P11-2	Masayuki Ohyama (Osaka Prefectural Institute of Public Health, Japan) Nitrous Acid Induces Pulmonary Emphysema-Like Alterations in Guinea Pigs
43	P11-3	Takashi Yamaguchi (Hokkaido Research Organization, Japan) Fog and Atmospheric Chemistry at the Tree Decline Site on the Rim of Lake Mashu
45	P11-4	Yu Qu (Chinese Academy of Sciences, China) Spatial and Seasonal Patterns of NO _y and Its Deposition in China
47	P11-5	Wei-Ti Tseng (National Central University, Taiwan) The Influence of Mainland China Emissions on Cloud Water Chemistry in Northern Taiwan
49	P11-6	Koichi Watanabe (Toyama Prefectural University, Japan) Concentrations of Ionic Constituents and Formaldehyde in Snow Cover at Murododaira, Mt. Tateyama, Japan
51	P13-1	Koichi Watanabe (Toyama Prefectural University, Japan) Measurements of Atmospheric Hydroperoxides over a Rural Site in Japan Using a Helicopter
53	P13-2	Shio Kawasaki (Osaka Prefecture University, Japan) Direct Measurements of Photochemical Ozone Production Rate at Forest Areas in Japan during Summer
55	P13-3	Kazuyo Yamaji (Kobe University, Japan) Study on Factors of Overestimated Summertime Ozone Concentration by a Regional Chemical Transport Model over Southwestern
57	P13-4	Tatsuya Nagashima (National Institute for Environmental Studies, Japan) Validation of the Asian Surface Ozone Simulated by Chemical Transport Models
59	P15-1	Mitsuru Hayashi (Kobe University, Japan) The Measurement of Nitrous Oxide Concentrations and the Emission Estimations of the Exhaust Gas of Ongoing Vessels
61	P16-1	Abhinav Garg (University of Delhi, India) Analyzing the Concentration of Criteria Pollutants in the National Capital of India: Delhi
63	P16-2	Espita Libed Dang Marviluz (Clean Air Asia, Philippines) Guidance Framework for Better Air Quality in Asian Cities (no abstract)
65	P17-1	Syuichi Itahashi (Central Research Institute of Electric Power Industry, Japan) Atmospheric Input of Anthropogenic Nitrogen Compounds to Oceans in East Asia Estimated by Regional Chemical Transport Model
67	P17-2	Ta-Chih Hsiao (National Central University, Taiwan) Investigation of the CCN Activity and BC Mass Concentrations of Biomass Burning Aerosols during 2013 BASELInE Campaign
69	P17-3	Yayoi Inomata (Asia Center for Air Pollution Research, Japan) Estimate of Anthropogenic Sulfur Deposition in Japan by Using Sulfur Isotopic Ratio

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71	P17-4	Ryo Takaji (Osaka Prefecture University, Japan) Behavior of Transboundary Air Pollution at Fukue Island, Nagasaki, Japan
73	P17-5	Hsiang-Yu Huang (National Central University, Taiwan) Investigating Smoke Transport and Its Radiative Effects during the 7-SEAS/BASELInE Experiment Using the MERRAero
75	P18-1	Zhiheng Liao (Sun Yat-sen University, China) Long-term Characteristic of Air Quality in Pearl River Delta Region and Its Relationship with Meteorological Condition
77	P18-2	Takashi Yoda (Ehime University, Japan) Chemical Composition and Environmental Behavior of PM2.5 in Matsuyama, Ehime, Japan
79	P18-3	Yong Chen (Chinese Academy of Sciences, China) The Study of Evening Transition Characteristics in Beijing Using a Doppler Wind Lidar
81	P18-4	Chia-Hua Hsu (National Central University, Taiwan) Classification of Weather Patterns to Understand the Influence of Meteorological Conditions on High PM2.5 Concentrations in Yunlin County, Taiwan

Poster session November 13, 13:00-14:00 (Reception Hall)

Board No.	Session	First Author/Title
2	P4-1	Cintia Gabriela Reséndiz Martínez (National Autonomous University of Mexico, Mexico) Evolution and Spatial Distribution of Ozone in Guadalajara Metropolitan Zone, Jalisco Using the WRF-Chem
4	P4-2	Takafumi Sugita (National Institute for Environmental Studies, Japan) Comparison of Ozone Profiles between DIAL Observations and Chemical Transport Model Simulations over Río Gallegos, Argentina in the 2009 Antarctic Spring
6	P4-3	Kazuki Sunada (Kochi University of Technology, Japan) Three Dimensional Measurements and Emission Estimation of Methane Using a Drone and Near Infra-red Laser Sensors
8	P4-4	Hirofumi Ohyama (Nagoya University, Japan) Temporal Variation of Stratospheric Ozone Observed at the Southern Tip of South America during Austral Spring
10	P4-5	M. Gabriela Nicora (CEILAP, Argentina) Lightning Study and Monitoring in the Framework of SAVER-Net Project
12	P4-6	Félix Zamorano (Magallanes University, Chile) The Monitoring of Ozone and UVB Radiation in Punta Arenas, Chile, as Part of SAVER-Net Project
14	P4-7	Akira Mizohata (Osaka Prefecture University, Japan) The Characterization of PM2.5 in the Atmosphere of the Metropolis in Mexico - Major PM Mass Composition Analysis of the Observed
16	P4-8	Akira Mizohata (Osaka Prefecture University, Japan) Source Apportionment of PM2.5 in the Atmosphere of the Metropolis Area in Mexico
18	P4-9	Naohide Shinohara (National Institute of Advanced Industrial Science and Technology, Japan) Occupational Exposure to Volatile Organic Compounds in Gas Stations
20	P4-10	Marcelo Raponi (CEILAP, Argentina) Remote Sensing of Volcanic Emissions Using DOAS Systems, in the Framework of SAVER-Net Project
22	P4-11	Pablo Ristori (CEILAP, Argentina) Aerosol Monitoring Network in Argentina and Chile to Mitigate the Effect of Volcanic, Biomass Burning, Dust and Air Pollution Aerosol Events in the Frame of SAVER.Net SATREPS Program
24	P4-12	Yoshitaka Jin (National Institute for Environmental Studies, Japan) Development Status of a High Spectral Resolution Lidar for SAVER-Net
26	P7-1	Tatsuki Hirano (National Defense Academy of Japan, Japan) Diurnal Contribution of Human Activities to the CO ₂ Flux Measured in an Urban Area of Tokyo
28	P7-2	Hongyang Cui (Tsinghua University, China) A Comprehensive Emission Inventory of Volatile Organic Compounds (VOCs) from Vehicles in China
30	P10-1	Ezequiel Pawelko (CEILAP, Argentina) Multispectral Lidar to Study the Atmospheric Aerosols Composition: Measurements in Buenos Aires of Ashes from Volcano Calbuco
32	P12-1	Siyang Li (Shandong University, China) IR Spectroscopy Probing of Dimethylamine (DMA) Clusters on Ar Matrix
34	P12-2	Jingsen Fan (China University of Mining and Technology, China) Classification and Chemical Compositions of Individual Particle at an Eastern Marginal Site of Tibetan Plateau
36	P12-3	Chelsea Corr (Oak Ridge University Associates, USA) Investigating the Influence of Aerosol Composition on Photolysis Rates Using Airborne Observations
38	P12-4	Hiroaki Saino (Tokyo University of Science, Japan) Analysis of Concentrations of and Artifact to Organic Carbon and Carboxylic Acids by Carbon Analyser and Ion Chromatography in
40	P12-5	Seizi Koga (National Institute of Advanced Industrial Science and Technology, Japan) Aerosol Extinction and Scattering Coefficients in the Atmospheric Boundary Layer over the Southern Ocean
42	P12-6	Jeonghoon Lee (Korea University of Technology and Education, Republic of Korea) Combination of Polarization Interferometry and Phase Sensitive Detection to Measure Aerosol Absorption Coefficient
44	P12-7	Muhammad Yaasiin Oozeer (University of Nottingham Malaysia Campus, Malaysia) A Numerical Study of the Effects of Biomass Burning Aerosols on Clouds and Precipitation in South-Southeast Asia
46	P12-8	Chuan-Yao Lin (Academia Sinica, Taiwan) Modeling of a River Dust Event During Strong Northeasterly Prevailing Wind in Center Taiwan
48	P12-9	Reina Yamada (Kanazawa University, Japan) Source Apportionment of Carbonaceous Matter in PM2.5 at NOTO Peninsula Using ¹⁴ C Analysis

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50	P19-1	Chieh-Heng Wang (National Central University, Taiwan) A Continuous Monitoring System for THC, NMHC and CH ₄ in Stack Gas
52	P19-2	Xinghan Xu (Kyoto University, Japan) A Study of the Effectiveness of Air Pollution Prevention and Control Action Plan for Central China Provinces
54	P21-1	Kouhei Yamamoto (Kyoto University, Japan) Annual Mean Concentrations of PM _{2.5} in Japan by Regression Kriging in High Spatial Resolution
56	P21-2	Isao Kanda (Ehime University, Japan) Ozonesonde Observations and Chemical Transport Simulations in Two Major Cities in Mexico
58	P21-3	Masahide Aikawa (National Institute for Environmental Studies, Japan) Measurements of Atmospheric Concentrations of Sulfur and Nitrogen Compounds at Neighboring Two Coastal and Roadside Sites of
60	P21-4	Yoichi Ichikawa (Ryukoku University, Japan) Influence of the Shape of Trees on Atmospheric Dispersion in a Forest
62	P21-5	Erik Velasco (Singapore-MIT Alliance for Research and Technology, Singapore) Commuter Exposure to Aerosol Pollution on Public Transport and at Bus Stops in Singapore
64	P21-6	Naruaki Omori (Ehime University, Japan) Three-Dimensional O ₃ Observation and Model Analysis in Tanzawa Mountains in Japan
66	P21-7	Yukiyo Okazaki (Ehime University, Japan) Continuous Measurement of Air Pollutants at Tarumi Campus, Ehime University - Concentration Trends during 2006-2014 and the Characteristics of Pollution at Suburban Area from the Analysed PM Chemical Composition Results -
68	P21-8	Junko Matsumoto (Osaka Prefecture University, Japan) Characteristics of Mass and Chemical Composition of Coarse and Fine Particulate Matter in Osaka, Japan
70	P21-9	Palak Baliyan (University of Delhi, India) Trend of Biogenic Aerosol and Its Associated Health Effects in Capital City of India
72	P21-10	Shinhao Yang (Toko University, Taiwan) Relationship between Atmospheric Long Path Visibility and PM _{2.5} in the Urban Area of Chiayi, Taiwan
74	P21-11	Maria Cecilia Galvez (De La Salle University, Philippines) SEM/EDX Analysis of Fine Particulate Matters Collected Along the Intersection of a Main Thoroughfare in Manila, Philippines
76	P21-12	Edgar Vallar (De La Salle University, Philippines) Correlation Study of Air Quality and Health in the Vicinity of De La Salle University, Manila, Philippines