

Sino-Japanese workshop on atmospheric aerosol study in East Asia

Date:19 September 2015

Place:Academic Hall, Huaxue Building, Shandong University

Time	Agenda		
9:00-9:10	Opening remarks: Prof. Tadahiro Hayasaka, Tohoku University. Chairperson: Weijun Li		
9:10-9:30	Introduction to the Sino-Japanese project and this workshop: Weijun Li and Daizhou Zhang		
9:30-10:00	Invited speaker, Prof. Longyi Shao, China University of Mining and Technology (Beijing) Chairperson: Daizhou Zhang		
Time	Title	Reporter	Department
Chairperson	Li Siyang, Xu Caihong		
10:00-10:15	Strong fine nitrate formation over North China Plain: important role of ammonia and ozone	Wen Liang	Shandong University
10:15-10:30	Bacterial Aerosols Associated with Dust Passage: Observations in Qingdao and Amakusa in the Spring of 2014 and 2015	Kotaro Murata	Prefectural University of Kumamoto
10:30-10:45	Morphologies and compositions of individual particles from household coal combustion	Zhao Chengmei	China University of Mining and Technology (Beijing)
10:45-10:55	Break Time		
Chairperson	Zhang Wenchao, Li Tao		
10:55-11:10	Richness and Diversity of Bacterial Community in Cloud Water during Non-haze and Haze Episodes at a Mountain Site in East China	Xu Caihong	Shandong University
11:10-11:25	Aerosol Composition vs Backscatter Coefficient of Ceilometer near the Surface on the Southwestern Japan Coast in 2011-2015	Satoshi Fukushima	Prefectural University of Kumamoto
11:25-11:40	Sea salt aerosols as a reactive surface for inorganic and organic acidic gases in the arctic troposphere	Chi Jianwei	Shandong University
11:40-13:15	Lunch Time		
Chairperson	Liu Pinwei, Souhei Hagiwara		
13:15-13:30	Total gaseous mercury (TGM) in free troposphere in the North China Plain	Li Tao	Shandong University
13:30-13:45	Bacterial and chemical properties of rainwater collected at a suburban site in Southwestern Japan	Wei Hu	Prefectural University of Kumamoto

13:45-14:00	Morphologies, size distribution and chemical characterization of fine particles from vehicle in Tang-lang Hill Tunnel in Shenzhen	Hou Cong	China University of Mining and Technology (Beijing)
14:00-14:15	Characteristics of ambient volatile organic compounds and the influence of biomass burning at a rural site in Northern China during summer 2013	Zhu Yanhong	Shandong University
14:15-14:25	Break Time		
Chairperson	Zhou Huan, Shurui Chen		
14:25-14:40	DNA-reactivity of airborne particulate matter collected at southwestern Japan in March 2014	Shinichiro Fukuyama	Prefectural University of Kumamoto
14:40-14:55	Investigation of chemical composition of individual particles by using of ATOF-MS	Liu Pinwei	Shanghai University
14:55-15:10	Distribution of Polycyclic Aromatic Hydrocarbons and Biological Activity of Particles emitted from Xuanwei Coal Combustion	Zhang Wenchao	Shanghai University
15:10-15:25	Variations of culturable microbe concentrations measured by commercial aerobic count plates	Souhei Hagiwara	Kumamoto University
15:25-15:35	Break Time		
Chairperson	Zhao Chengmei, Hou Cong		
15:35-15:50	HONO and its potential source particulate nitrite at an urban site in North China during the cold season	Wang Liwei	Shandong University
15:50-16:05	Radiative Absorption of Asian Black Carbon Aerosols is Doubled by Coating Effect	Cui Xinjuan	Shandong University
16:05-16:20	Collection of emission particles from motor vehicle	Pian Wei	Hebei University of Engineering
16:20-16:30	Break Time		
Chairperson	Zhu Yanhong, Pian Wei		
16:30-16:45	The 150 year history of concentrations and mass absorption cross-section of black carbon in East Asia	Xu Wenxue	Shandong University
16:45-17:00	Mixing state, composition, and sources of fine aerosol particles in the Qinghai-Tibetan Plateau and the influence of agricultural biomass burning	Chen Shurui	Shandong University
17:00-17:15	Characterization of urban haze particles collected in Shanghai, China using low-Z particle EPMA	Zhou Huan	Shanxi University

17:15-17:30	The investigation of the properties of amine clusters in atmospheric nucleation	Li Siyang	Shandong University
17:45	Workshop picture taken at front of 知新楼		
18:00-22:00	Reception party, Hongmen Coffee bar		

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Time	Agenda		
9:00-9:10	Opening remarks: Prof. Wenxing Wang, Shandong University. Chairperson: Daizhou Zhang		
Time	Title	Reporter	Department
Chairman	Kazuaki Kawamoto, Wu Zhijun		
9:10-9:40	The Long-term Variation in Surface Shortwave Irradiance in China and Japan	Tadahiro Hayasaka	Tohoku University
9:40-10:00	Direct comparison of nitrate and sulfate in dust aerosols over Tengri desert and Xi'an	Wu Feng	Institute of Earth Environment,CAS
10:00-10:20	Molecular distributions, sources and formation mechanisms of dicarboxylic acids and related SOA from high altitude regions in China	Meng Jingjing	Liaocheng University
10:20-10:30	Break Time		
Chairman	Tomoko Kojima, Wu Feng		
10:30-11:00	Satellite remote sensing of clouds and aerosols: from passive to active measurements	Kazuaki Kawamoto	Nagasaki University
11:00-11:30	Particle hygroscopicity in various atmospheric environments	Wu Zhijun	Peking University
11:30-11:50	Indication of the existence of soot particle as seen from the radiative observation at the Fukue islet Indication of the existence of soot particle as seen from the radiative observation at the Fukue islet	Shuichiro Katagiri	Tohoku University
11:50-13:10	Lunch Time		
Chairman	Weijun Li		
13:10-13:20	在线监测手持PM2.5和PM10研发及测试报告	济南诺方电子科技有限公司	
13:20-13:30	大气PM2.5采样器介绍	青岛金仕达电子科技有限公司	
Chairperson	Shuichiro Katagiri, Gai Xinlei		

13:30-14:00	Physicochemical characterization and oxidative ability of size-resolved ambient particles emitted from Xuanwei coal combustion	Lv Senlin	Shanghai University
14:00-14:20	Continuous chemical analysis of particulate matter in Kumamoto, Japan: Case study of 2014 summer and fall	Tomoko Kojima	Kumamoto University
14:20-14:40	The differences in morphologies and chemical compositions between wintertime and summertime urban haze particles at Taiyuan, Shanxi Province, China	Geng Hong	Shanxi University
14:40-15:00	Primary results on the emission and aing of particles from domestic fuels burning in China	Kong Shaofei	Nanjing University of Information Science and Technology
15:00-15:10	Break Time		
Chairperson	Lv Senlin, Kong Shaofei		
15:10-15:40	Characterization of atmospheric fine particles in a megacity of Yangtze River Delta (YRD)	Gai Xinlei	Nanjing University of Information Science and Technology
15:40-16:00	Size-segregated number concentration of aerosol particles observed at Qingdao and Amakusa in March and May 2015	Ayumi Naganuma	Prefectural University of Kumamoto
16:00-16:20	A severe short period haze induced by biomass burning in Beijing	Niu Hongya	Hebei University of Engineering
16:20-16:40	Fast N ₂ O ₅ heterogeneous loss and ClNO ₂ production on urban surfaces in North China	Wang Xinfeng	Shandong University
16:40-17:30	Workshop summary and Discusion		
17:30-18:10	Visit the Laboratory		
18:20-21:00	Dinner		