

Session Schedule

September 16th

Opening address

9:00-9:10	Prof. LIU Dan, Southwest Jiaotong University Prof. SHIMAOKA Takayuki, Kyushu University
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Session1: Waste management and planning

Chair: Prof. Zhao Youcai

Time	Presenter		Affiliation		Presentation title
9:20-9:40	WANG Qi	王 琪	Institute of Solid Waste Management, Chinese Research Academy of Environmental Sciences	中国环境科学研究院 固体废弃物研究所	Study on Management Status and Disposal Measures of Rural and Town Municipal Solid Waste in China
9:40-10:00	LI Bing	李 兵	Faculty of Architectural Engineering, Civil Engineering and Environment, Ningbo University	宁波大学 建筑工程与环境学院	Research on the Treatment of Solid Waste in Zhejiang Rural Area
10:00-10:20	MATSUTO Toshihiko	松藤 敏彦	Faculty of Engineering, Hokkaido University	北海道大学大学院 工学研究院	Questionnaire Survey on Collection and Disposal of Household Hazardous Waste in Japan

Session:2 Intermediate treatment and recycling of organic waste

Chair: Prof. SHIMAOKA Takayuki

Time	Presenter		Affiliation		Presentation title
10:40-11:00	HE Dewen	何 德文	Institute of Environmental Engineering, College of Metallurgy, Central South University	中南大学 冶金学院环境工程研究所	An effective integrated techniques for kitchen waste disposal of disinfection and desalting
11:00-11:20	PENG Xuya	彭 绪垂	Faculty of Urban Construction and Environmental Engineering, Chongqing University	重庆大学 城市建设与环境工程学院	Acidification and Its Early-warning in A Food Wastes Anaerobic Digestion System
11:20-11:40	WANG Qunhui	汪 群慧	Civil and Environment Engineering School, University of Science and Technology Beijing	北京科技大学 土木与环境工程学院	Biotechnology in Resource Utilization of Organic Waste
11:40-12:00	SUN Ying-jie	孙英杰	Qingdao Tecnological University	青岛理工大学	Effects of sludge amount on nitrogen transformation and loss during municipal solid wastes composting

Session3: Introduction of waste treatment technology by Japanese companies**Chair: Prof. LIU dan**

Time	Presenter		Affiliation		Presentation title
13:30-13:50	MIZUNARI Takayuki	水成 隆之	KURITA WATER INDUSTRIES LTD	栗田工業株式会社	Kurita's heavy metals immobilization technology of fly ash in Japan.
13:50-14:10	KAWAI Seiji	川井 晴至	MAEDA CORPRATION	前田建設工業株式会社	Introduction of a case that was digging removal of the soil of the waste mixing

Session4: Landfill monitoring and leachate treatment**Chair: Prof. MIYAWAKI Kentaro**

Time	Presenter		Affiliation		Presentation title
14:10-14:30	LIU Dan	劉 丹	School of Environmental Science and Engineering, Southwest Jiaotong University	西南交通大学 環境科学与工程学院	A Study on A Leachate Treatment Technique Based on The Semi-aerobic Aged Refuse Biofilter
14:30-14:50	WU Jun	吳 軍	School of the Environmental Engineering, Nanjing University	南京大学 環境与学院環境工程系	The effect of combined layer used for leachate re-circulationon distribution on acid buffering ability and gas pression loss
14:50-15:10	ZHANG Huyuan	張 虎元	School of Civil Engineering and Mechanics, Lanzhou University	蘭州大学 土木工程与力学学院	Geophysical Investigation of MSW Landfill in Lanzhou
15:10-15:30	TOJO Yasumasa	東條 安匡	Faculty of Engineering, Hokkaido University	北海道大学大学院 工学研究院	Monitoring of leachate quality stored in gas ventilation pipes for evaluating the degree of landfill stabilization

Session5: Leaching behavior**Prof. CHAI Xiaoli**

Time	Presenter		Affiliation		Presentation title
15:50-16:10	SHEN Dongsheng	沈 东升	School of Environmental Science and Engineering, Zhejiang Gongshang University	浙江工商大学 环境科学与工程学院	Migration and leaching behavior of heavy metals in MSW and MSW bottom ash co-disposed landfill
16:10-16:30	ZHAO Yongsheng	趙 勇勝	College of Environment and Resources, Jilin University	吉林大学 环境与资源学院	Landfill Pollution Evaluation ,Simulation and Prediction
16:30-16:50	SHIMAOKA Takayuki	島岡 隆行	Faculty of Engineering, Kyushu University	九州大学大学院 工学研究院	Numerical simulation of chlorine removal through the conversion of Friedel's salt in the mixture of municipal solid waste incineration bottom ash and organic compounds
16:50-17:10	MIYAWAKI Kentaro	宮脇 健太郎	School of Science and Engineering, Meisei University	明星大学 理工学部	Leaching Characteristics of pollutant from Shredded Residue of Incombustible MSW
17:10-17:30	TAKAHASHI Fumitake	高橋 史武	Faculty of Engineering, Kyushu University	九州大学大学院 工学研究院	A recycle of melted waste slag as aggregate in asphalt concrete pavement: Its abrasion resistance and health risk against abrasion dust

September 17th**Session6: Landfill gas****Prof. MATSUTO Toshihiko**

Time	Presenter		Affiliation		Presentation title
9:00-9:20	ZHAO Youcai	趙 由才	School of Environmental Science and Engineering, Tongji University	同济大学 环境科学与工程学院	Mitigation and control of methane in MSW landfill through biological oxidation using aged refuse
9:20-9:40	CHAI Xiaoli	柴 晓利	School of Environmental Science and Engineering, Tongji University	同济大学 环境科学与工程学院	Stabilization of carbon dioxide by microalgae
9:40-10:00	NAKAYAMA Hirofumi	中山 裕文	Faculty of Engineering, Kyushu University,	九州大学大学院 工学研究院	Effect of Vegetation on CH4 Emission from Landfills as a Pathway of CH4 Migration

Discussion

10:20-11:50	Prof. Shimaoka Prof. Zhao
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Closing Remarks

11:50-12:00	Prof. LIU
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