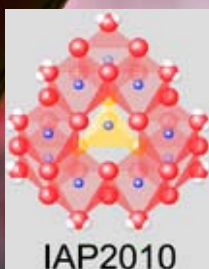


The 6th INTERNATIONAL CONFERENCE ON INTERFACES AGAINST POLLUTION



Organised by:



Research Center for Eco-
Environmental Sciences, Chinese
Academy of Sciences

Auspices:



International Association of Colloid
and Interface Scientists (IACIS)



State Key Laboratory of
Environmental Aquatic Chemistry

Key Laboratory of Colloid Interface
Chemistry, Ministry of Education

IAP2010-Beijing

Program

16-19 May 2010
Beijing, China

<http://iap2010.rcees.ac.cn>



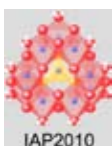
- ① Building 7: Registration Desk / Plenary Session / Room A / Room B / Poster
- ② Building 8: Room C / Room D
- ③ Building 1: Ball Room for Gala Dinner
- ④ Friendship Palace: Restaurant for Lunch & Welcome Reception

Conference Outline

May 16, 2010	
10:00-21:00	Registration
May 17, 2010	
09:00-09:30	Opening Address
09:30-18:30	Technical Program
19:00	Welcome Reception
May 18, 2010	
08:30-18:30	Technical Program
19:00	Gala Dinner
May 19, 2010	
08:30-12:00	Technical Program
12:00-12:30	Closing
13:30-20:00	Sightseeing Tour

Venue Notes

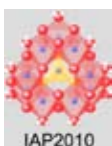
Events	Venue	BLDG Name
Registration	BLDG 7 (1 st Floor)	Ruibin BLDG (瑞宾楼)
Plenary Session	BLDG 7 (2 nd Floor)	Ruibin BLDG (瑞宾楼)
Oral Session	Room A, BLDG 7 (2 nd Floor)	Ruibin BLDG (瑞宾楼)
	Room B, BLDG 7 (2 nd Floor)	Ruibin BLDG (瑞宾楼)
	Room C, BLDG 8 (1 st Floor)	Jiabin BLDG (嘉宾楼)
	Room D, BLDG 8 (1 st Floor)	Jiabin BLDG (嘉宾楼)
Poster	BLDG 7 (1 st Floor)	Ruibin BLDG (瑞宾楼)
Lunch	Ju-he Yuan, Restaurant	Friendship Palace (友谊宫)
Welcome Reception	Ju-fu Yuan, Restaurant	Friendship Palace (友谊宫)
Gala Dinner	Ball Room (2 nd Floor)	Grand Building (贵宾楼)



May **17** (Monday)

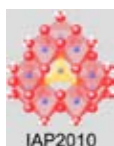
9:00-9:30		Opening Ceremony
Charir: Luuk Koopal		
9:30-10:10	PA1	Hongxiao Tang The aquatic micro-interfacial processes of adsorption and coagulation
10:10-10:30		Coffee Break
10:30-11:10	PA2	Stephan Hug Molecular processes at interfaces and the global demand for clean drinking water
11:10-11:50	PA3	Junbai Li Controlled Assembly of Hollow Metal Oxide Nanostructures and Their Application for Water Treatment
12:00		Lunchenon

Room A		
Charir: Georgy V. Kharlamov / Li Fusheng		
13:30-14:00	A01	KEYNOTE: Hiroyuki Ohshima Electrostatic Interaction between Two Soft Particles
14:00-14:20	A02	Georgy V. Kharlamov Molecular Dynamics Calculations of Small Drops Surface Tension
14:20-14:40	A03	Mahrez Drir Multilayer adsorption study using DLP theory and Monte Carlo simulation: case of Kr and CH ₄ on graphite
14:40-15:00	A04	Yichun Du Effects of Flow Velocity on Straining of Colloids in Porous Media under Unfavorable Chemical Conditions
15:00-15:20	A05	Kohei Higuchi Rapid erosion of mudstone and its possible relation with chemical osmosis in southwest Taiwan
15:20-15:40	A06	Motoyoshi Kobayashi Aggregation of colloidal silica particles in the presence of natural organic matters
15:40-16:00		Coffee Break
Charir: Hiroyuki Ohshima / Mahrez Drir		
16:00-16:20	A08	Erica McKenzie The Effect of Organic Matter on Zinc Oxide Nanoparticle Aqueous Interactions
16:20-16:40	A09	Seiya Nagao Size selective complexation for Am with groundwater humic and fulvic acids
16:40-17:00	A10	Wenyan Li Charge Density and Adsorbability of Dissolved Organic Matter in River Waters
17:00-17:20	A11	Chii Shang Chemical force microscopy for direct assessment of adsorption mechanisms of NOM on metal oxide surface
17:20-17:40	A12	Xumian Wang Study on the Variation Regularity of BDOC in Water Supply System
17:40-18:00	A13	Chengbao Li Wien effect determination of binding and adsorption energies between positively charged nano-particles and anions
19:00		Welcome Reception

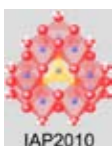


May **17** (Monday)

Room B		
Charir: Dezhi Sun / Kung-Yuh Chiang		
13:30-14:00	B01	KEYNOTE: Yuyou Li Detection and characterization of specific group of microorganisms in various environments using molecular microbial techniques
14:00-14:20	B02	Xingzu Wang Interaction in anaerobic biodecolorization of mixed azo dyes of Acid Red 1 and Reactive Black 5
14:20-14:40	B03	Yasushi Mori Enhancing Bio-remediation Process for Oil-contaminated Soils by Controlling Nutrient Dispersion using Dual-Characteristics of Soil Pore System
14:40-15:00	B04	Haiyan Wang Study on the morphology and diversity of the bacteria in the complete autotrophic nitrite-nitrification and electrochemical bio-denitrification combined process
15:00-15:20	B05	Takuro Kobayashi Characterization of the environment and the microbial community in a biofilm oxidizing H ₂ S under microaerophilic conditions inside an anaerobic digester
15:20-15:40	B06	Chart Chiemchaisri Bioremediation of landfill gas at solid waste particle interface
15:40-16:00 Coffee Break		
Room B		
Charir: Yuyou Li / Zhimin Qiang		
16:00-16:20	B07	Abd El-Latif Hesham Meta-Genomic and Biodegradation of polycyclic aromatic hydrocarbons (PAH) using isolated yeast Strains
16:20-16:40	B08	Dezhi Sun Effluence of surface modification on the surface properties of polyethylene bio-carrier and biofilm formation for wastewater treatment
16:40-17:00	B09	Tinglin Huang The experimental study on media biofilm system for remediation of sediment in reservoir
17:00-17:20	B10	Tongxu Liu Soil minerals accelerating the biological nitrate reduction by <i>K. pneumoniae</i> L17(B10)
17:20-17:40	B11	Kung-Yuh Chiang Preparation of activated carbon from biomass gasification residues using carbonation and physical activation for metal adsorption
17:40-18:00	B12	Wensui Luo Immobilization of Uranium and Technetium in Acidic Groundwater by pH Manipulation and Biological Reduction
18:00-18:20	B13	Jolanta Narkiewicz-Michale Studies of Biological Activity of Organic Compounds in Micellar Systems
19:00 Welcome Reception		

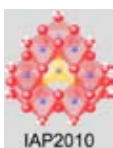
May **17** (Monday)

Room C		
Charir: Jinian Shu / Ken-ichi Tanaka		
13:30-14:00	C01	KEYNOTE: Ken-ichi Tanaka Highly selective oxidation of CO in excess H ₂ at low temperature — Oxidation of CO via HCOO and OH intermediates
14:00-14:20	C02	Wenpo Shan An excellent Ce-Ti mixed oxide catalyst for selective catalytic reduction of NO by NH ₃
14:20-14:40	C03	Min Gao Impact of surface characteristics of coconut shell-based granular activated carbon on adsorption of airborne microorganisms
14:40-15:00	C04	Zhenping Qu Elimination of formaldehyde over Ag/MCM-41 catalyst at low temperatures
15:00-15:20	C05	Jason Scott An Integrated Photocatalytic Filtration Array for Indoor Air Quality Control
15:20-15:40	C06	Safia Hamdi Influence of surface chemistry and surface morphology of silicas on the adsorption of some organic compounds(VOCS)
15:40-16:00	Coffee Break	
Room C		
Charir: Jason Scott / Po Keung Wong		
16:00-16:30	C07	KEYNOTE: Warszynski Piotr Hybrid Photocatalytic-Membrane Technique for Removal of Natural Organic Matter from Potable Water
16:30-16:50	C08	Lianzhou Wang Designing visible light active photocatalysts for water/air pollutant degradation
16:50-17:10	C09	Shiping Xu Adsorption and photocatalytic degradation of dye pollutants over TiO ₂ nanotube photocatalyst
17:10-17:30	C10	Cecilia B. Mendive New insights into the mechanism of TiO ₂ photocatalysis: Thermal processes beyond the electron-hole creation
17:30-17:50	C11	Po Keung Wong Advances in Visible-Light-Driven Photocatalysis
17:50-18:10	C12	Fong Hao Silver nanoparticles on amidoxime fibers for photo-catalytic degradation of organic dyes in waste water
18:10-18:30	C13	Xiaofang Yang In situ ATR-FTIR Study on the Oxidation of Catechol using Magnetite Nanoparticles as Catalyst
19:00	Welcome Reception	



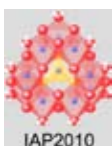
May **17** (Monday)

Room D		
Charir: Mariusz Barczak / Munehide Ishiguro		
13:30-14:00	D01	KEYNOTE: Sarah C.Larsen Adsorption of Environmental Contaminants on Nanocrystalline Zeolites
14:00-14:20	D02	Wei Li Structures of Arsenic Adsorbed on Nano-Crystalline Aluminum Oxide as studied by Extended X-ray Absorption Spectroscopy (EXAFS) and differential Pair Distribution Function investigation (d-PDF)
14:20-14:40	D03	Hongjie Wang Pilot-scale Treatment of High Concentration Arsenic Wastewater by a Combined Physical-Chemical Process
14:40-15:00	D04	Chih-Chao Wu Arsenite Removal Using Water Treatment Sludges
15:00-15:20	D05	Kazutoshi Haga Removal of arsenic from copper minerals for environmental protection
15:20-15:40	D06	Xiaomin Dou Maghemite nanoparticles prepared by thermal decomposition and its performance for As(V) removal
15:40-16:00	Coffee Break	
Room D		
Charir: Sarah C.Larsen / Chih-Chao Wu		
16:00-16:20	D07	Munehide Ishiguro Cationic surfactant binding to an anionic polymer and humic substances
16:20-16:40	D08	Mariusz Barczak SBA-15 organosilicas as sorbents of heavy metal ions
16:40-17:00	D09	Qianqian Yu Sorption characteristics of heavy metals on biogenic birnessite compared with synthetic analogues
17:00-17:20	D10	Yasushi Takasakai Recovery of precious metals and other metals from wastewater by various hydrometallurgical processes
17:20-17:40	D11	Panyue Zhang Cr(VI) Adsorption onto Chitosan Coated Clinoptilolite in Wastewater
17:40-18:00	D12	Mengwei Wan The Adsorption Study of Cd ²⁺ , Cu ²⁺ , Ni ²⁺ , Pb ²⁺ and Zn ²⁺ in Aqueous Solution on Chitosan Intercalated Montmorillonite
19:00	Welcome Reception	

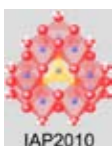


May **18** (Tuesday)

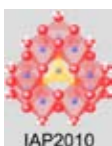
	Plenary Session Chair: Min Yang	
8:30-9:10	PA4	David Waite Reactive Oxygen Species Generation by Zero-valent Iron, Silver and Gold Nanoparticulates
9:10-9:50	PA5	Gregory V Lowry Macromolecules at the Nanoparticle-Water Interface: Effect on environmental fate, transport, and implications of nanotechnology
9:50-10:30	Coffee Break	

May **18** (Tuesday)

Room A		
Charir: Etelka Tombácz / Panyue Zhang		
10:30-11:00	A14	KEYNOTE: Yasuhisa Adachi Dynamic behavior of adsorbing polyelectrolytes on the colloidal particle studied via movie analysis of Brownian motion and electrophoresis
11:00-11:20	A15	He Zhao In Situ Analysis of Aluminum Speciation for Coagulants with Low Concentration by Electrospray Ionization Mass Spectrometry
11:20-11:40	A16	Zhonghan Sheng A novel Method to detect mercury ion (Hg ²⁺) based on DNA oligonucleotides and gold nanoparticles Using Quartz Crystal Microbalance Sensor
11:40-12:00	A17	Shaohua Li A novel Method to study the hybridization dynamics of DNA Using Multichannel Microfluidic System with Quartz Crystal Microbalance Gas Sensor
12:00-12:20	A18	Yuetong Xia A simple pathway newly developed for Microcystin detection in polluted water
12:30 Luncheon		
Charir: Zhang Pengyi / Jianmin Chen		
13:30-14:00	A19	KEYNOTE: Jianmin Chen Size distribution, hygroscopicity, chemical composition and the optical property of aerosol in real urban air
14:00-14:20	A20	Xiang Li On-site Aerosol Sampling and Quantitative Analysis of Free and Total Hydrocarbons Using SPME and NTD
14:20-14:40	A21	Qingfeng Guo The Relationship Between Chemical Compositions of Fine Particle and Visibility During Beijing Olympic Games
14:40-15:00	A22	Zhigang Yi Exchange of COS and DMS between the atmosphere and an urban lawn in Guangzhou, south China
15:00-15:20	A23	Yongchun Liu Structure changes of soot during heterogeneous reaction with O ₃
15:20-15:40	A24	Yue Zhao Heterogeneous Reactions of Methacrolein and Methyl Vinyl Ketone on Mineral Oxide Particles
15:40-16:00 Coffee Break		
Charir: Li Fangbai / Fabien Thomas		
16:00-16:30	A25	KEYNOTE: Jinian Shu Design and Application of Vacuum Ultraviolet Photoionization Aerosol Time-of-Flight Mass Spectrometer
16:30-17:00	A27	KEYNOTE: Akihiko Yamagishi Use of a Clay for Chirality Recognition Processes
17:00-17:20	A28	Jing Zhang Sorption of polycyclic aromatic hydrocarbons (PAHs) to Yangtze River sediments
17:20-17:40	A29	Fabien Thomas Acid-base properties of 2:1 clays. The role of electrostatics
17:50-18:10	A30	Lu Han Simulative Study of phosphorus transformation at the water-sediment interface of Alafia River
18:10-18:30	A31	Meng Nan Sorption and abiotic transformation behavior of sulfadiazine on Yangtze river sediments and their components
19:00 Gala Dinner		

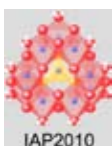
May **18** (Tuesday)

Room B		
Chair: Allan Holmgren / Jizheng He		
10:30-11:00	B14	KEYNOTE: Erwin Klumpp Bacteria Transport and Deposition in Undisturbed Calcareous Soil Columns under Unsaturated Flow Conditions
11:00-11:20	B15	Jizheng He Cr (III) oxidation coupled with Mn (II) bacterial oxidation in environment
11:20-11:40	B16	Jessie O.Samaniego Reduction of heavy metal and microbialcontaminants in septage via vermicomposting
11:40-12:00	B17	Xiang Cheng Phosphate Precipitation Induced by Iron(III) Bioreduction in Septic Systems -A Novel Process of Phosphorus Removal under Anaerobic Conditions
12:00-12:20	B18	Shengnan Shi Whole-Cell Biocatalysis for Indigo Production in Liquid-Liquid Biphasic Systems
12:30	Lunchenon	
Chair: Erwin Klumpp / Chaohai Wei		
13:30-13:50	B19	Matthew S. Hull Concentration and detection of engineered nanoparticles discharged to aquatic ecosystems using the Asian clam
13:50-14:10	B20	Yuanming Zheng Effects of fertilization regimes on bacterial mercuric reductase (merA) gene in a Chinese upland red soil
14:10-14:30	B21	Chunhua Feng Electrochemical characterization of electro-active biofilms stimulated by constant electrical field: the role of iron oxide in enhancing their electrochemical activity
14:30-14:50	B22	Denny Helard Degradability of Natural Estrogens by Biofilm of Slow Sand Filter
14:50-15:10	B23	Yafeng Nie Degradation of Endocrine Disrupting Chemicals (EDCs) during Activated Sludge Reduction by Ozone
15:10-15:30	B24	Haizhen Wei Nanorod structure of alternating copoly (styrene-maleic anhydride, SMA) and poly(pyrrole) as created by self-assembly in aqueous solution
15:40-16:00	Coffee Break	
Charir: Radisav Vidic / Toshio Sakai		
16:00-16:30	B25	KEYNOTE: Jinhua Zhan Nanomaterials Platform for Sensing Environmental Pollutants
16:30-16:50	B26	Xuchuan Jiang Nanoparticles as a sensing material in water
16:50-17:10	B27	Xiaomin Yan Evaluating Toxicity of Fullerene Aggregates Complex with Atrazine to Aquatic Organisms
17:10-17:30	B28	Winn-Jung Huang Kinetics and isotherms of adsorption-reduction of bromate by modified multiwalled carbon nanotubes
17:30-17:50	B29	Xiaojun Chang nC60 Aggregates and Molecular C60 Formation in Sodium Citrate Solutions via Extended Mixing
17:50-18:10	B30	Mei Zhen Positively charged nano-emulsions prepared by a two-step low-energy route
18:10-18:30	B31	Xiaoqin Li Nanoscale Zero-valent Iron— the surface characterization and the core-shell structure
19:00	Gala Dinner	



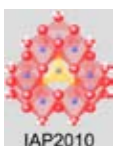
May **18** (Tuesday)

Room C		
Charir: Xie Quan / Fong Hao		
10:30-11:00	C14	KEYNOTE: Xie Quan Electrocatalytic Dehalogenation of Polyhalogenated Organic Compounds with Palladized Aligned Carbon Nanotubes Electrode
11:00-11:20	C15	Jiann-Long Chen Electrocatalytic Degradation of 2,4-Chlorophenol by Granular Graphite Electrodes
11:20-11:40	C16	Yaju Juang Development of P-type electrode for Azo-dye degradation
11:40-12:00	C17	Juncheng Hu TiO ₂ nanoflakes modified with gold nanoparticles as photocatalysts with high activity and durability
12:00-12:20	C18	Wen-Pin Hsieh Variation of the changes of H ₂ O ₂ /·OH concentrations in NTFC system
12:30	Lunchenon	
Charir: Xiaoyan Li / Lianzhou Wang		
13:30-13:50	C19	Kangle Lv Effect of Phase Structures on the Formation of Free Hydroxyl Radicals in the Suspensions of Surface Fluorinated Titania
13:50-14:10	C20	Baoling Yuan Degradation of dimethyl phthalate (DMP) in aqueous solution by UV/Si-FeOOH/H ₂ O ₂
14:10-14:30	C21	Aihua Lv Catalytic Ozonation of Toxic Pollutants over Magnetic Co/Mn doped Iron Oxides
14:30-14:50	C22	Fei Qi Removal of 2, 4, 6-Trichloroanisole in Drinking Water by Catalytic Ozonation using Bauxite Loaded with Iron Metal Oxides
14:50-15:10	C23	Bo Zhang Homogeneous deposition of Au nanoparticles on activated carbon and its catalytic activity for ozone decomposition
15:10-15:30	C24	Xiaowei Lu Minimizing bromate formation with cerium incorporated MCM-48 during ozonation of bromide-containing water
15:40-16:00	Coffee Break	
Charir: Dongsheng Wang / Chii Shang		
16:00-16:30	C25	KEYNOTE: Xiaoyan Li PIV Characterisation of Flocculation Dynamics and Floc Structure in Water Treatment
16:30-16:50	C26	Yili Wang Effect of Polyferric Chloride(PFC) doses and pHs on the fractal characteristics of PFC-HA flocs
16:50-17:10	C27	Jr-Lin Lin Effects of Al Speciation of PACl on the NOM destabilization
17:10-17:30	C28	Xiao Zhan Coagulation Performance of Polyaluminium Chloride in Removing NOM and the Subsequent Effects on Chlorine Decay
17:30-17:50	C29	Weiyang Xu Comparison of coagulation performance and floc characteristic of Nano-Al ₁₃ and polyaluminum chlorid
17:50-18:10	C30	Jian Shi Study on the speciation and characteristic of coagulation in the high efficient IPF of ferric-silica system
18:10-18:30	C31	Runsheng Zhong Effects of humic acid on recoverability and fractal structure of alum-kaolin flocs
19:00	Gala Dinner	



May **18** (Tuesday)

Room D		
Charir: Mariusz Barczak / Nicolas Marmier		
10:30-11:00	D14	KEYNOTE: Luuk Koopal Humic and fulvic acid adsorption on mineral oxides
11:00-11:20	D15	Chayada Pansuk Adsorption of anionic dyes and Cr (III) in single and mixed solution system by surface-modified granule made from coal fly ash
11:20-11:40	D16	Gaoke Zhang Adsorption of metronidazole in the aqueous solution by the Fe-modified-sepiolite
11:40-12:00	D17	Alisa Sineva Natural adsorbents in water purification from detergents
12:00-12:20	D18	Qian Li Adsorption of acid dyes onto cationic polymer modified bentonite: kinetics study and process design to optimize contact time
12:30	Lunchenon	
Charir: Xiaochang Wang / Theo van de Ven		
13:30-14:00	D19	KEYNOTE: Xiaochang Wang Adsorption of Typical PAH by Humic Substance in Water and the Effect of Coexisting Metal Ions
14:00-14:20	D20	Qianqian Zhong Sorption properties of wheat residue bearing amine groups for the anionic dye Reactive Red-24
14:20-14:40	D21	Bingbing Xu Adsorption kinetics of benzotriazole and its derivatives by Zn-Al-O binary metal oxide
14:40-15:00	D22	Xuan Guo Effect of preloaded-NOM on the adsorption of 17 β -estradiol
15:00-15:20	D23	Chen Yang Sorption of tylosin on agricultural soils
15:20-15:40	D24	Chengliang Li Sorption behavior of nonylphenol and perfluorooctanoic acid on Yangtze River sediments and their components
15:40-16:00	Coffee Break	
Charir: Takeo Yamaguchi / Jin Jian		
16:00-16:30	D25	KEYNOTE: Theo van de Ven Specific and non-specific adsorption of a herbicide on cellulose
16:30-16:50	D26	Tomoyuki Makino Effects of physico-chemical properties on heavy metal contents of soils in different particle size fractions
16:50-17:10	D27	Xiaohong Guan Effects of Phosphate and Silicate on Chromium Removal by Fe(II) in Anoxic Aqueous System
17:10-17:30	D28	Weiguo Song Nanostructured Metal Oxide Materials for Adsorption of Pollutants
17:30-17:50	D29	Erickson Roque Reduction of Nitrate using Nano Zero-Valent Iron with CO ₂ -bubbling
17:50-18:10	D30	Djamal Eddine Akretche Metals behavior in the course of Donnan dialysis using XAD-4 impregnated resins with different extractants combined with cation-exchange membranes
18:10-18:30	D31	Hsu-Wen Hung The organic contamination level based on the total soil mass is not a proper index of the soil contamination intensity
19:00	Gala Dinner	

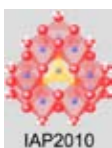


May **19** (Wednesday)

Room A		
Charir: Yasuhisa Adachi / Wenfeng Tan		
8:30-9:00	A32	KEYNOTE: Etelka Tombácz Interfacial and colloidal interactions between humic acids and mineral particles
9:00-9:20	A33	Juan Liu pH dependent adsorption of thallium on geological materials
9:20-9:40	A34	Lei Wang Inhibition mechanism of polyamine on montmorillonite
9:40-10:00	A35	Wenfeng Tan Formation and transformation of iron oxides-kaolinite associations in the presence of Fe(II) and their microstructure, interaction mechanism
10:00-10:20	A36	Liang Tao The Role of Adsorbed Fe(II) onto Minerals in Reductive Transformation of 2-Nitrophenol

Room B		
Charir: Jinhua Zhan / Jiaguo Yu		
8:30-9:00	B32	KEYNOTE: Radisav Vidic Mineral Deposit Formation, Measurement, and Control in Wastewater Reuse
9:00-9:20	B33	Jiaguo Yu Template-Free Fabrication of Inorganic Hollow Microspheres and Its Environmental Application
9:20-9:40	B34	Toshio Sakai Naked gold nanoparticles synthesized through sonochemical reduction in gas-purged aqueous solutions
9:40-10:00	B35	Xuejun Guo Cost-effective Preparation of Phase- and Size-controlled Iron (oxy)hydroxide Nanocrystals Using Amorphous Ferrous and Ferric Hydroxide Precursors
10:00-10:20	B36	Jinxian Huo Growth of highly pure mullite on the surface of alkali-activated fly ash

10:20-11:00	Coffee Break	
	Plenary Session Chair: Hong He	
10:40-11:20	PA6	Vicki H Grassian From Mineral Dust to Nanodust: Interfaces in the Atmosphere and Their Heterogeneous Reactions with Pollutants
11:20-12:00	PA7	Hisao Hidaka Optimization of advanced oxidation processes for recalcitrant organic chemicals by the hybrid O ₃ /TiO ₂ /UV procedure with a semi-pilot scaled solar reactor
12:00-12:20	Closing ceremony	
12:20	Lunchenon	

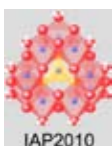


May **19** (Wednesday)

Room C		
Charir: Setsuo Ooi / Yili Wang		
8:30-8:50	C32	Chao Wang Removal of nC60 by the coagulation-flocculation-sedimentation process in different water matrices
8:50-9:10	C33	Yanping Liu Surface charge modification of nanoparticles - a preparative research for removing nanoparticles from water
9:10-9:30	C34	Yanyu Wu Oxidation and Coagulation Removal of Humic Acid using Fenton Process
9:30-9:50	C35	Baichuan Cao Preparation of polyferric silicate sulphate coagulant and performance in surface water treatment
9:50-10:10	C36	Chi-chuan Kan The Study of Floc Characteristics on the Effect of Ultrasonic Cleaning on PTFE-MF Membrane

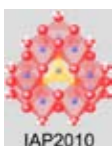
Room D		
Charir: Akihiko Yamagishi / Weiguo Song		
8:30-9:00	D32	KEYNOTE: Takeo Yamaguchi Micropore-filling electrolyte membranes utilizing heterogeneous interfaces for PEFC
9:00-9:20	D33	Jin Jian Nanowire-based nanofiltration membranes for protein separation
9:20-9:40	D34	Yu-Chun Su Effect of MBR operation on biofilm composition
9:40-10:00	D35	Sheng Li Ultrafiltration fouling control: influence of demiflush on different fractions of natural organic matter
10:00-10:20	D36	Chuanqi Zhao New Membrane Material and Module in MBR for Wastewater Treatment

10:20-11:00		Coffee Break
Plenary Session Chair: Hong He		
10:40-11:20	PA6	Vicki H Grassian From Mineral Dust to Nanodust: Interfaces in the Atmosphere and Their Heterogeneous Reactions with Pollutants
11:20-12:00	PA7	Hisao Hidaka Optimization of advanced oxidation processes for recalcitrant organic chemicals by the hybrid O ₃ /TiO ₂ /UV procedure with a semi-pilot scaled solar reactor
12:00-12:20	Closing ceremony	
12:20	Lunchenon	

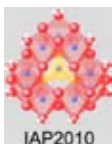


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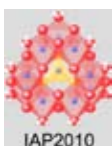
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- P02 Huanhuan Du**
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- P03 Lili Yan**
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- P04 Hui Li**
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- P05 Jing Li**
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- P06 Wenfeng Tan**
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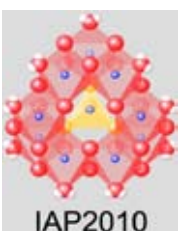
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