

The 5th China-Korea International Conference on Multi-functional Materials and Applications (ICMMA 2011)

Chairman

Prof. Dr. Ming Ding (Hefei University, China)

Local Chairman

Prof. Dr. Won-Chun Oh (Hanseu University, Korea)

Prof. Dr. Jin Liu (Anhui University of Architecture, China)

Prof. Dr. Chu-Yang Xu (Anhui University of Science and Technology, China)

Prof. Dr. Shin Mukai (Hokkaido University, Japan)

Prof. Dr. Goutam Mukhopadhyay (B.C.D.A College of Pharmacy & Technology, India)

Committee

Dr. Wei-Ping Jin (Hefei Association for Science and Technology, China)

Prof. Dr. Cheul-Gyu Kim (Hanbat University, Korea)

Prof. Dr. Guo-Quan Shao (Hefei University, China)

Dr. Chong-Hun Jung (Korea Atomic Energy Research Institute, Korea)

Prof. Dr. Ke Wu (Hefei University, China)

Prof. Dr. Jong-Sung Yu (Korea University, Korea)

Prof. Dr. Ming-Tai Wang (Institute of Plasma Physics, China)

Prof. Dr. Soo-Min Park (Pusan National University, Korea)

Dr. Di-Fang Zhao (Hefei University, China)

Dr. Hang-Kyo Jin (Korea Research Institute of Chemical Technology, Korea)

Prof. Dr. Liang-Ti Qu (Beijing Institute of Technology, China)

Dr. Hui-Jun Won (Korea Atomic Energy Research Institute, Korea)

Prof. Dr. Jing Wang (Anhui University of Science and Technology, China)

Dr. Kwang-Youn Cho (Korea Institute of Ceramic Engineering & Technology, Korea)

Prof. Dr. Benhong Yang (Hefei University, China)

Prof. Dr. Chang-Sung Lim (Hanseu University, Korea)

Dr. Hong-Dian Lu (Hefei University, China)

Prof. Dr. Won-Kweon Jang (Hanseu University, Korea)

Conference Program

November 24 (Thursday), 2011

12:00-22:00	Onsite Registration
18:30-21:00	Welcome Reception

November 25 (Friday), 2011

08:00~	Onsite Registration
08:20-09:00	Opening address (Prof. Ming Ding)
Session 1 (09:00-10:40) Session Chairman: Prof. Dr. Won-Chun Oh	
09:00-09:30	Special Lecture 1 Prof. Shu-Hong Yu (University of Science and Technology of China, China) Emerging Synthetic Strategies and Self-assembly of Unique Functional Inorganic Nanostructures, Nanocomposites and Their Applications
09:30-10:00	Special Lecture 2 Prof. Dr. Mashairo Toyoda (Oita University, Japan) Preparation of Nano Carbon Fibers through Electrochemical Processing and Its Applications
10:00-10:20	Oral Lecture 1 Prof. Dr. Cheol-Gyu Kim (Hanbat National University, Korea) Humic Substances from the Daecheung Lake Sediment and Their Removal Efficiency by Alum Coagulation
10:20-10:40	Oral Lecture 2 Prof. Chu-Yang Xu (Anhui University of Science & Technology, China) Fabrication of Superhydrophobic Surfaces of TiO ₂ Coatings Modified with 1-Octadecanethiol
10:40-10:50	Coffee break
Session 2 (10:50-12:10) Session Chairman : Prof. Dr. Jin Liu	
10:50-11:10	Oral Lecture 3 Prof. Liang-Ti Qu (Beijing Institute of Technology, China) Graphene based actuators and photovoltaics
11:10-11:30	Oral Lecture 4 Prof. Dr. Jong-Sung Yu (Korea University, Korea) Mesoporous Hollow Carbon Spheres for High Li Storage Capacity and Better Cycling Performance
11:30-11:50	Oral Lecture 5 Prof. Li-Xia Sang (Beijing University of Technology, China) Catalytic Reforming of Methane with CO ₂ over Metal Foam Based Monolithic Catalysts
11:50-12:10	Oral Lecture 6 Prof. Dr. Weon-Bae Ko (Sahmyook University, Korea) Non-Classical Synthesis Of Various Nanomaterials And Catalysis
Lunch (12:10-13:20)	
Session 3 (13:20-14:50) Session Chairman : Prof. Dr. Toyoda	
13:20-13:50	Special Lecture 3 Prof. Dr. Goutam Mukhopadhyay (B.C.D.A College of Pharmacy & Technology, India) Continuous Foam Fractionation-a Method for Enrichment of Protein from Whey Waste by RP-HPLC Method

13:50-14:10	Oral Lecture 7 Prof. Chang-Guo Xue (Anhui University of Science and Technology, China) Research on Microcantilever Biosensor
14:10-14:30	Oral Lecture 8 Prof. Dr. Wan-Kuen Jo (Department of Environmental Engineering, Kyungpook National University, Korea) Environmental Application of Ultraviolet Light-Emitting Diodes for Photocatalysis of Malodorous Pollutant
14:30-14:50	Oral Lecture 9 Prof. Ming Ding (Hefei University, China) Research on Hydrophobic Properties of Calcium Carbonate Nanoparticles/Chitosan Composite Membrane
Session 4 (14:50-16:10) Session Chairman : Prof. Dr. Chu-Yang Xu	
14:50-15:10	Oral Lecture 10 Prof. Ben-Xia Li (Anhui University of Science and Technology, China) Facile Synthesis, Microstructures, and Photocatalysis of ZnO-based Nano-Heterostructures
15:10-15:30	Oral Lecture 11 Dr. Ze-Da Meng (Department of Advanced Materials Science and Engineering, Hanseo University, Korea) Synthesis and Highly Visible-induced Photocatalytic Activity of CdSe-C ₆₀ Composite
15:30-15:50	Oral Lecture 12 Dr. Feng-Jun Zhang (Anhui University of Architecture, China) Enhancing Decolorization for Methyl Orange in Aqueous Solution by Graphene Supported Nanoscale Zerovalent Iron
15:50-16:10	Oral Lecture 13 Prof. Yin Liu (Anhui University of Science and Technology, China) Preparation and Magnetic Properties of Ultra-fine Grained γ -Ni-22Fe/Al ₂ O ₃ Composite
16:10-16:20	Coffee break
Session 5 (16:20-17:20) Session Chairman : Jong-Sung Yu	
16:20-16:40	Oral Lecture 14 Prof. Dr. K.G. Kanade (Annasaheb Awate College, India) Nanocrystalline Mn _x TiO ₂ : An environmental visible light driven photocatalyst to oxidation of organic dyes
16:40-17:00	Oral Lecture 15 Prof. Jing Wang (Anhui University of Science and Technology, China) New nano-carbon materials and ceramics matrix composites
17:00-17:20	Oral Lecture 16 Prof. Ben-Hong Yang (Hefei University, China) Synthesis and Antimicrobial Activities of a Quaternary Ammonium Salt of Chitosan
17:20-17:30	Coffee break
17:30-18:30	Poster Session Session Chairman : Prof. Ming Ding, Prof. Wan-Kuen Jo & Banquet (18:30~)
19:10-19:20	Closing Remark Prof. Dr. Chu-Yang Xu

November 26 (Saturday), 2011

08:00-17:00	Conference Special Tour
18:00-20:00	Agenda & Next Conference (ICMMA2012) Meeting