

ICMMA 2013

The 7th International Conference on Multi-functional Materials and Applications

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Conference Program

November 22 (Friday), 2013

12:00-18:00	Onsite Registration
18:00-20:00	Welcome reception
20:00-	Conference Committee Board Meeting (for ICMMA2015)

November 23 (Saturday), 2013

08:30~	Onsite Registration
08:50-09:40	Opening address (Anhui university of Science and Technology, China)
09:40-10:10	Invited Lecture (Chairman : Prof. Dr. Won-Chun Oh) Prof. Dr. Ram K. Agarwal (C C S University), (Editor-in-Chief, AJC) Multifunctional thiosemicarbazone metal coordination compounds as potential biological and medicinal agents
Session A-1 (10:20-11:20) (Session Chairman : Prof. Dr. Zhigang Chen, Prof. Dr. Won-Chun Oh)	
10:10-10:35	Special Lecture 1 Prof. Dr. Vittaya Amornkitbamrung (Khon Kaen University, Thailand) Electrical conductivity of diamond-like carbon and nano-crystalline diamond
10:35-10:55	Oral Lecture 1, Prof. Seung-Kyu Park (Hoseo University, Korea) 'Synthesis of Porous Material-Kapok Composite'
10:55-11:15	Oral Lecture 2, Prof. Dr. Wei-chang Hao (Beihang University, China) Electronic Structure Design and Manipulation of Bismuth Oxide
Session A-2 (10:20-11:20) (Session Chairman : Prof. Dr. Chu-Yang Xu)	
10:10-10:35	Special Lecture 2 Prof. Dr. Jianfang Wang (The Chinese University of Hong Kong) Plasmonic Properties of Gold Nanostructures
10:35-10:55	Oral Lecture 3, Mr. Lei Zhu (Hanseu University, Korea) Ethylene glycol assisted fabrication of visible light responsive Graphene-SnS nanocomposite with enhanced optical and photocatalytic properties for water purification
10:55-11:15	Oral Lecture 4, Prof. Dr. Shou-Qing Liu (Suzhou University of Science and Technology, China) Effects of cations and graphene component on heterogeneous photocatalysis
11:15-11:30	Coffee break
Session B-1 (11:35-12:15) (Session Chairman : Prof. Dr. Jin Liu)	
11:30-11:55	Special Lecture 3 Prof. Dr. Zhigang Chen (Suzhou University of Science and Technology, China) Environmental Purification Application of Highly Adsorptive Hierarchical Porous Carbon and Ceria Materials
11:55-12:15	Oral Lecture 5, Prof. Dr. Gang He (Anhui University, China) Deposition and determination of band alignment of Al ₂ O ₃ /Si gate stacks by new CVD chemistry
Session B-2 (11:35-12:15) (Session Chairman : Prof. Dr. Wan-Keun Jo)	
11:30-11:55	Special Lecture 4 Prof. Dr. Shinichiroh Iwamura (Hokkaido University, Japan) Drastic Structural Change of Carbon-Coated Si Nanoparticles during Charge/Discharge Cycling
11:55-12:15	Oral Lecture 6, Prof. Dr. Xiaomei Wang (Suzhou University of Science and Technology, China) Photon upconversion: from high excitation power toward low excitation power
Lunch (12:15-13:20)	

Session C (13:20-14:05) (Session Chairman : Prof. Dr. Chan-Kyung Kim)	
13:20-13:45	Special Lecture 5 Dr. Chang-Yeoul Kim (Korea Institute of Ceramic Eng. & Tech., Korea) Polyethylene glycol-modified magnetite nanoparticles with different sizes for hyperthermia application
13:45-14:05	Oral Lecture 7, Prof. Dr. Chang-sen Zhang (Yancheng Institute of Technology, China) Mechanical performances and microstructures of cement containing copper tailings
Session D(14:05-14:45) (Session Chairman : Prof. Dr. Ming Ding)	
14:05-14:25	Oral Lecture 8, Prof. Dr. Feng-Jun Zhang, (Anhui Jianzhu University, China) A novel photofunctional g-C ₃ N ₄ /Ag ₃ PO ₄ bulk heterojunction for decolorization of Rh.B
14:25-14:45	Oral Lecture 9, Prof. Dr. Xian- Biao Wang (Anhui Jianzhu University, China) Carbonaceous materials for detection and removal of heavy metal ions in water
14:45-14:55	Coffee break
Session E (14:55-15:40) (Session Chairman : Prof. Dr. Zhao-qi Sun)	
14:55-15:20	Oral Lecture 10, Prof. Dr. Won-Chun Oh (Hanseu University, Korea) Graphene nanosheet based composite: hydrogen evolution
15:20-15:40	Oral Lecture 11, Dr. Joon Yeob Lee, Kyungpook National University) Photocatalysis of organic vaporous pollutants using a bead-shaped titania grown on carbon fiber
Session F (15:40-16:25) (Session Chairman : Prof. Dr. Shinichiroh Iwamura)	
15:40-16:00	Oral Lecture 12, Dr. Changguo Xue(Anhui University of Science and Technology, China) Pattern formation in evaporation coffee droplets: influence of temperature and salt
16:00-16:20	Oral Lecture 13, Prof. Dr. Hongdian Lu (hefei university, China) Preparation and characterization of silica pillared α -type zirconium phosphate
Session G (16:25-17:05) (Session Chairman : Prof. Dr. Saksit Chanthai)	
16:20-16:40	Oral Lecture 14, Prof. Dr. Benxia Li (Anhui university of Science and Technology, China) Au/CeO ₂ Core/Shell Nanostructures for Plasmonic Harvesting of Visible Light in Catalytic Reaction
16:40-17:00	Oral Lecture 15, Prof. Dr. Xianglong Wan (Anhui university of Science and Technology, China) A new type of time-temperature indicator based on a doping front migration in conductive polymers
17:05-17:15	Coffee break
Poster Session (17:15-18:20) (Session Chairman : Prof. Dr. Gang Chen, Dr. Chong-Hun Jung)	
Banquet (18:30 ~)	
19:50-20:00	Closing Remark (Prof. Dr. Qidong Wang)

November 24(Sunday)

Conf. Tour (8:30 ~)

Presentation Guide

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