

Welcome

Third International Symposium on Advanced Ceramics and Technology for Sustainable Energy Applications (ACTSEA-2011)

For more information, visit: www.mse.ntu.edu.tw/~actsea2011/

Oct. 30 – Nov. 2, 2011
Howard Beach Resort, Kenting, Taiwan

Keynote Speakers

Dr. Mrityunjay Singh
FASM, FACerS, FIMMM
Glenn Research Center
NASA



Prof. Alexander Michaelis
Fraunhofer Institute of Ceramic Technologies and Systems



Dr. James Sung
Kinik Company;
Co-founder of
SinoDiamond



Scope

Based on the success of the 1st (2007) and 2nd (2009) ACTSEA, we would like to invite you cordially to attend the 3rd ACTSEA. The purpose of the symposium is to bring together academics, students and researchers, who are actively engaged in the research and development of advanced ceramics and technologies for sustainable energy, to discuss the current progresses in all aspects of energy science and application. The number of participants is estimated to be more than 120 people based on the experience of previous symposiums.

Invited Speakers



Dr. Tatsuki Ohji
National Institute of Advanced Industrial Science and Technology (AIST)



Prof. Jian-Zhang Chen
Institute of Applied Mechanics,
National Taiwan University



Prof. Liuwen Chang
Department of Materials and Opto-electronic Science, National Sun Yat-Sen University



Prof. Takashi Goto
Institute for Materials Research,
Tohoku University



Dr. Dušan Galusek
Institute of Inorganic Chemistry,
Slovak Academy of Sciences



Prof. Jow-Lay Huang
Department of Materials Science and Engineering,
National Cheng Kung University



Prof. Tatsuya Hinoki
Institute of Advanced Energy,
Kyoto University



Dr. Toshihiro Ishikawa
Ube Industries, Ltd.



Prof. Kunihiro Koumoto
Nagoya University, Graduate School of Engineering



Dr. Hai-Doo Kim
Korea Institute of Materials Science (KIMS)



Dr. Hua-Tay Lin
Oak Ridge National Laboratory



Dr. Soshu Kirihara
Osaka University



Prof. Walter Krenkel
Fraunhofer ISC Project Group Ceramic Composites, Ceramic Materials Engineering, University Bayreuth



Prof. Ji-Jung Kai
Department of Engineering and System Science, National Tsing-Hua University



Prof. Zoltán Lenčéš
Institute of Inorganic Chemistry,
Slovak Academy of Sciences



Prof. Hong-Ming Lin
Department of Materials Engineering, Tatung University



Prof. Makio Naito
Joining and Welding Research Institute (JWRI), Osaka University



Prof. Pavol Šajgalík
Institute of Inorganic Chemistry,
Slovak Academy of Sciences



Prof. Hisayuki Suematsu
Extreme Energy-Density Research Institute, Nagaoka University of Technology



Prof. Shao-Ju Shih
Department of Materials Science and Engineering, National Taiwan University of Science and Technology



Prof. Wei-Hsing Tuan
Department of Materials Science and Engineering, National Taiwan University



Dr. Zheng-Ming Sun
National Institute of Advanced Industrial Science and Technology



Dr. Dileep Singh
Argonne National Laboratory



Dr. Hirofumi Sumi
National Institute of Advanced Industrial Science and Technology



Dr. Daniel Q. Tan
GE Global Research Center



Prof. Wen-Cheng J. Wei
Department of Materials Science and Engineering, National Taiwan University



Prof. She-Huang Wu
Department of Materials Engineering, Tatung University



Dr. Kuang-Hsi Wu
Florida International University



Prof. Hong-Wen Wang
Department of Chemistry, Chung-Yuan Christian University



Prof. Changrong Xia
Department of Materials Science and Engineering, University of Science and Technology of China

Main Topics

- Thermoelectrics
- Fuel cells
- Piezo harvesting
- LED
- Photovoltaic/Solar
- Battery & Supercapacitor
- Energy efficiency applications
- Others (nuclear & superconducting etc)

Chairing Committee

Wei-Hsing Tuan, NTU
Jow-Lay Huang, NCKU
Hua-Tay Lin, ORNL
Tatsuki Ohji, AIST
Sanjay Mathur, Koeln

