

Symposium 17:

Green processing and Green energy materials for sustainable society

The increasing demand for energy requires the development of new technologies and materials of energy generation and efficient use of energy. Especially the experience of current global warming derives us to the research area of achieving sustainable society. Ceramic materials and composite materials are some of the materials that have been studied extensively for the generation of energy especially to achieve sustainable society. Another approach would be to make efficient use of energy, leading to the society that uses less energy.

The objective of this symposium is to bring together scientific experts from academia, industry, and government agencies around the world to discuss the current research area of green processing and green energy harvesting materials.

Specifically, we will focus on 4 key research fields. (1) Photocatalysts for hydrogen generation, (2) Solution Processing for inorganic materials, (3) Green processing, (4) New Functional materials for sustainable society.

<PROPOSED SESSION TOPICS>

Photocatalysts for hydrogen generation, Solution Processing for inorganic materials, Green processing, New Functional materials for sustainable society.

<ORGANIZERS>

Naoki Wakiya, Shizuoka University, Japan, email: wakiya.naoki@shizuoka.ac.jp

John Wang, National University of Singapore, Singapore

Shenglei Che, Zhejiang University of Technology, China

Tewei Chiu, National Taipei University of Technology, Taiwan

Yasuro Ikuma, Kanagawa Institute of Technology, Japan

Naonori Sakamoto, Shizuoka University, Japan

Takaaki Taniguchi, National Institute for Materials Science, Japan

Nobuhiro Matsushita, Tokyo Institute of Technology, Japan

Hajime Wagata, Meiji University, Japan

Tomoaki Watanabe, Meiji University, Japan

<INVITED LECTURES>

Tentative invited lecture information is posted in the following URL;
http://www.ceramic.or.jp/pacrim13/list_of_invited_speakers.html#17