

Conference on RIE Joint Research Project
**Development of Transparent Oxide Based Electrode
for Imaging Devices**

DATE: December 19, Friday, 2014

10:00 - 12:00

PLACE: RIE Conference Room

PROGRAM:

10:00 -10:20

Investigation of Functional Properties and Dye-Sensitized Solar Cell Performance of Oxide Nanostructures

Mani Navaneethan and Y. Hayakawa, Research Institute of Electronics, Shizuoka University

10:20 -10:50

1-D Nanotechnological Architectures of Fluorine-Doped Tin Oxide: Preparation and Characterization

R.M.G. Rajapakse, Dept. Chemistry, University of Peradeniya, Sri Lanka

10:50 - 11:00 Break

11:00 - 11:15

Rotational spray pyrolyzed fluorine- doped tin oxide nanostructured thin films

Ajith Bandara and K. Murakami, Graduate School of Science and Technology, Shizuoka University

11:15 -11:30

Surface Treatment of TiO₂ Photo Anode by Sulfur Compound for DSCs

Hiroshi Ota and M. Shimomura, Graduate School of Engineering, Shizuoka University

11:30 - 11:45

Hydrothermally synthesis and characterization of TiO₂ nanorods

Manoj Ranasinghe and K. Murakami, Graduate School of Science and Technology, Shizuoka University

11:45 - 12:00

Synthesis of Graphene Oxide from Graphite to Incorporate with TiO₂ Nanotubes to Use in Solar Cell Applications

Hirulak Sirwardena and M. Shimomura, Graduate School of Science and Technology, Shizuoka University

