



Lecture Session “Energy Storage and Conversion Devices and Related Materials”

16:25-18:30, 12th November, 2012

Room No. Gold (Best Western Premier Hotel Nagasaki 3F)

The main objective of the session is to present, and provide an open forum for discussing, the latest advances and developments in energy storage and conversion devices such as Li-ion secondary batteries, fuel cells and capacitors, as well as these applications to social systems. The session is supported in part by The Nagasaki University Priority Research Project “Materials Science for Next-Generation Energy”.

Program

1. 16:25-16:50
“Research and Development of Cathode Catalysts for PEFCs”
Hiroyuki Uchida and Masahiro Watanabe, Yamanashi University, Japan
2. 16:50-17:15
“Crystal Chemistry of phosphate and silicate-based positive electrodes of Li batteries”
Christian Masquelier, Universite de Picardie, France
3. 17:15-17:40
“Energy Storage Batteries and their System Application: Prospects and Issues”
Masahiko Hiratani,¹ Motoo Futami,¹ Mitsuhiro Kishimi,² Kenji Takeda,³
¹Shin-Kobe Electric Machinery Co., Ltd., ²Hitachi Maxell Energy, Ltd.,
³Hitachi Research Laboratory, Hitachi, Ltd., Japan
4. 17:40-18:05
“The Nagasaki University Priority Research on Materials Science for Next-Generation Energy”
Isamu Moriguchi, Nagasaki University, Japan

Some photographs



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