

The Vacuum Society of Japan (VSJ)

December 2010 Topical Meeting

“Recent Functional Inorganic Materials Created by Chemists”

Chemists in the field of inorganic material chemistry have created various kinds of materials with well-controlled structure and functions. In this Topical Meeting, we invited outstanding experts in the field of inorganic material chemistry to present their achievements and to discuss the advantages, the present status, and future challenges for the techniques. We hope this Topical Meeting will help us to evolve the material science and engineering using vacuum technology.

Date: Fri, Dec. 10, 2010, 13:00-17:30 (Registration desk opens at 12:30.)

Venue: Faculty of Textile Science and Technology, Shinshu University, H-Bldg Rm M1 (in the 7th Basement Floor)

3-15-1 Tokida, Ueda, Nagano 386-8567, Japan

<http://www.shinshu-u.ac.jp/faculty/textiles/english/guidance/map.html>

Presentations and their abstracts will be given in JAPANESE.

- Program -

13:00-13:05 Opening Remarks, Naoharu SUGIYAMA (Research Division Chair, VSJ)

13:05-13:15 “Introductory Talk”, Yasushi MURAKAMI (Shinshu University)

13:15-13:55 “Functional thin films of inorganic oxide materials via the catalytic sol-gel process”, Yasushi MURAKAMI (Shinshu University)

13:55-14:35 “Functionalization of organic fibers using inorganic nanomaterials”, Yasuo Gotoh (Shinshu University)

14:35-15:15 “Synthesis and Potential Applications of Conducting Metal Oxide Nanosheets”, Wataru SUGIMOTO (Shinshu University)

15:15-15:25 Break

15:25-16:05 “Leading Edge Microelectronics Packaging and the Evolution of Advanced Plating Technologies”, Shin-ichi WAKABAYASHI (Nagano Techno Foundation)

16:05-16:45 “Brightly Fluorescent Nanocarbons”, Yoshiyuki HATTORI (Shinshu University)

16:45-17:25 “Non-platinum Electrocatalysts for PEFCs”, Yoshio TAKASU (Emeritus Prof. Shinshu University)

17:25-17:30 Closing Remarks, Shigeki KATO (Research Division Member, VSJ)

Registration Fee:

Member of VSJ: 1,500 yen, Non-Member: 2,500 yen, Students: Free of charge

Book of Abstracts: 1,000 yen

Payment will be received in cash on-site. Advance payment by credit card is possible at the following website (in Japanese only) until the day before the Meeting.

<http://vacuum-jp.open365.jp/>

Contact Information:

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Arranged and moderated by Shigeki KATO (Research Division Member, VSJ) and Akiko ITAKURA (Research Division Members, VSJ).