5th Annual Symposium of Forum on Low-dimensional Photo-functional Materials

Nano-structured Materials
~Synthesis, Characterization, and Application~

May 20, 2016
Kagaku-kaikan (Surugadai, Kanda, Chiyoda-ku, Tokyo)
【主催】日本化学会研究会「低次元系光機能材料研究会」
【協賛】日本化学会・光化学協会
Time Table and Invited Speakers

10:00 – 10:05
Opening Remarks: Tatsuto YUI (Niigata University)

10:05 – 11:00  Chair: T. Yui
Yoshiaki FUKUSHIMA (CROSS)
Bio- and Geo-inspired Nano-scale Design, Producing and Inspection

11:00 – 11:35  Chair: T. Yui
Takashi TACHIKAWA (Kobe University)
Development of Mesocrystal Superstructures as a Versatile Photocatalyst Platform

11:35 – 13:30  Lunch Break

13:30 – 14:25  Chair: N. Miyamoto
Josef BREU (University of Bayreuth)
New Functional 2D Materials Based on Synthetic Clays

14:25 – 15:00  Chair: T. Okada
Tomoko SEKINE (Shiseido Co. Ltd.)
Characteristics of Smectite – Organic Compound Complex in Water and Oil Application as a Gelling Agent for Cosmetics –

15:00 – 15:30  Break

15:30 – 16:05  Chair: R. Ide
Nao TSUNOJI (Hiroshima University)
Design of Highly-active Titanosilicate Catalysts utilizing Grafting of Titanium(IV) Complex on the Surface of Various Silica Supports

16:05 – 17:00  Chair: R. Ide
Dmitri GOLBERG (NIMS)
In situ Experiments in a High-Resolution Transmission Electron Microscope for Uncovering Nanomaterial Properties

17:00 – 17:25  Chair: R. Ide, T. Okada, and T. Yui
General Discussions

17:25 – 17:30  Closing Remarks: J. Kawamata (Yamaguchi University)

17:30 – 19:30  Banquet: Kagaku-kaikan