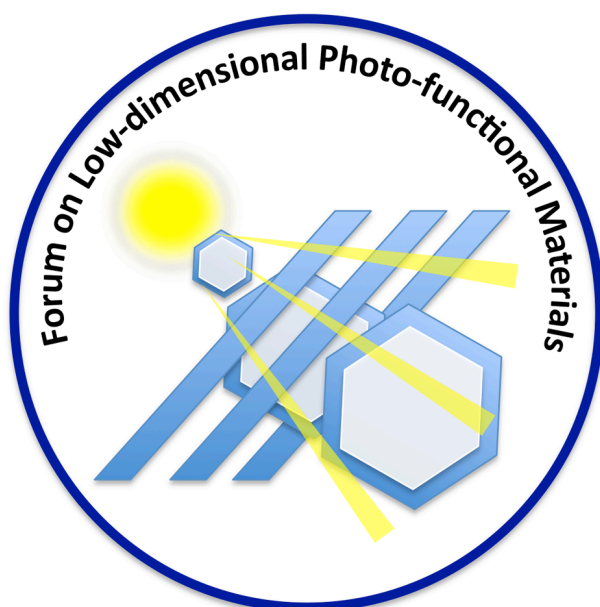


日本化学会研究会「低次元系光機能材料研究会」

第5回研究講演会

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