Program

9:00 Opening address
Makoto Ogawa (Waseda University, Japan)

Chair : Makoto Ogawa (Waseda Univ., Japan)

9:05 Shoji Yamanaka (Hiroshima University, Japan)
"Superconductivity of layer structured metal nitride chlorides electron-doped by intercalation"

9:35 Pierre Rabu (Institut de Physique et Chimie des Matériaux de Strasbourg, France)
"Magnetic and multifunctional multilayers by design: the prototypical example of modified layered hydroxides"

10:05 Takayoshi Sasaki (National Institute for Materials Science, Japan) :
"Instantaneous, reversible and massive swelling of layered metal oxides"

10:35 Hendrick Heinz (The University of Akron, USA)
"Structure, dynamics, and cohesion of clay intercalation compounds with functional surfactants"

11:05-11:15 [Break]

Chair : Tomohiko Okada (Shinshu University)

11:15-12:40 Short oral presentation

12:45-14:15 [Lunch Break]

Chair : Seong-Ju Hwang (Ewha Womans University, Korea)

14:15 Fabrice Leroux (Chemical Institute of Clermont-Ferrand, France) :
"The multiple possibilities of LDH as filler for polymer"

14:45 Kazutoshi Haraguchi (Kawamura Riken, Japan)
"Creation of nanostructured materials by using layered clay and LDH."

15:15 Jae-Min Oh (Yonsei University, Korea) and Jin-Ho Choy (Ewha Womans University, Korea)
"Intercalative route to nano-biohybrids for drug delivery system"

15:45-16:00 [Break]

Chair : Pierre Rabu (Institut de Physique et Chimie des Matériaux de Strasbourg, France)

16:00 Akihiko Kudo (Tokyo University of Science, Japan)
"Photocatalyst materials aiming at artificial photosynthesis"

16:30 Seong-Ju Hwang (Ewha Womans University, Korea)
*"*Highly efficient nanosheet-based photocatalysts for visible light-induced H_2 and O_2 generation*"*

17:00 Makoto Ogawa (Waseda University, Japan) :
"Host-guest chemistry of smectites: comparison with other ion exchangeable layered solids"

17:30 Closing address
Takayoshi Sasaki (National Institute for Materials Science, Tsukuba)

18:00 Banquet

Short oral presentations

1. Exfoliation of Transition Metal-Doped Layered Titanates and Their Nanohybrids via Intercalation Showing Highly Efficient Visible-Light Induced Photofunctions
Hyung Bin JIN, Ewha Womans University

2. Photocatalytic conversion of CO_2 over co-catalysts doped Zn-Cr LDH
Kei IKEDA, Tokyo Institute of Technology

3. Water Splitting Activity of Co-catalyst Doped Niobia Nanosheets
Keisuke KOJIMA, Tokyo Institute of Technology

4. Possible charge density variation of lepidocrocite-type layered titanate
Kanji SAITO, Waseda University

5. Substitution of Mg^{2+} in hydrotalcite-like compounds with Co^{2+} ions
Tae-Hyun KIM, Yonsei University

6. Synthesis of novel layered silicate HUSs and their molecular recognitive adsorption properties
Nao TSUNOJI, Hiroshima University

7. Ion-exchange and transformation to novel nanoporous material of layered silicate HUS-1
Miki FUKUDA, Hiroshima University

8. Adsorption of Tris(8-hydroxyquinoline)aluminum(III) in Saponite
Patcharaporn PIMCHAN,[1,2] [1]Khon Kaen University, [2]Waseda University

9. Expandable Microsphere of a Layered Silicate Produced by Using Monodispersed Silica Particles
Asuka SUZUKI, Shinshu University

10. Intracellular dynamic state of the fluorescent layered double hydroxide nanoparticles
Miyuki Tanaka, Tohoku University

11. Novel Approach to Prepare Chitosan-Clay Bionanocomposites through Regulated Self-Organization
Yury SHCHIPUNOV,[1,2] [1]Russian Academy of Sciences, [2]Pusan National University

12. Immobilization of zinc 1, 3, 5-benzenetriphosphonate nanosheet
Dam Thien Ngan, Tokyo University of Agriculture and Technology

13. Mechanical and Thermal Properties of Polycarbonate/Surface Modified Halloysite Nanocomposites

Hui JING, Kyushu University

14. Intercalation of Zinc Sulfide-Manganese Sulfide in Montmorillonite by Solid-Solid Reaction

Jirabhorn KABILAPHAT, Khon Kaen University

15. Synthesis of Zinc Selenide in Montmorillonite by Hydrothermal Reaction

Sonchai INTACHAI, Khon Kaen University

16. Synthesis of Cobalt Oxide-Silica Hybrid

Jirasak GAMONCHUANG, Khon Kaen University

17. Mesoporous TiO_2 –Graphene Nanohybrids with Improved Electrode Performance and Enhanced Photocatalytic Activity

Jang Mee LEE, Ewha Womans University