
Session Title: Nano-scale and Nanostructured Materials and Devices VII
Date & Time: **November 3, 2016 (Thur) / 16:00~17:30**
Room: **E (Room 105)**

Session Chair: Dong Ki Yoon (KAIST, Korea)

3E3-1

16:00~16:25

[Invited] Hybrid Nanoassemblies of Catechol-Functionalized Cyclosiloxane Polymers for Optoelectronic Device Applications

Masaya Mitsuishi, Yida Liu, Ali Demirci, Huie Zhu, Shunsuke Yamamoto, and Tokuji Miyashita
Tohoku University, Japan

3E3-2

16:25~16:50

[Invited] Preparation of Magnetic Nanoparticle Based Multifunctional Nanomaterials for Bioimaging and Drug Delivery

Yuanzhe Piao^{1,2}

¹Seoul National University, Korea, ²Advanced Institutes of Convergence Technology, Korea

3E3-3

16:50~17:15

[Invited] Azobenzene-Based Photoswitches for Microscopic Molecular Reorganization within the Helical Superstructures

Yuna Kim and Nobuyuki Tamaoki
Hokkaido University, Japan

3E3-4

17:15~17:30

Methane Confined in Nano-Pores: Heterogeneity and Structural Transformations

Bogdan Kuchta¹, **Lucyna Firlej**², **Ege Dundar**¹, and **Carlos Wexler**³

¹Aix Marseille University, France, ²University of Montpellier, France, ³University of Missouri, USA