



[Session C] Photochromic and Luminescent Compounds

Date / Time	November 3, 2021 / 16:30-18:30
Session Code	WeC3-02
Session Chair	Prof. Seong-Jun Yoon (UNIST, Korea)

WeC3-02-1 **Keynote Talk**

[Pre-recorded] 16:30-17:00

Photoluminescence and Electroluminescence of Heterolepic Platinum ComplexesHagos Tesfay Kidanu^{1,2} and Chin-Ti Chen¹¹Academia Sinica, Taiwan, ²Academia SinicaWeC3-02-2 **Invited Talk**

[Pre-recorded] 17:00-17:20

NIR Light Responsive Negative Photochromism

Jiro Abe

Aoyama Gakuin University, Japan

WeC3-02-3 **Invited Talk**

[Pre-recorded] 17:20-17:40

Photoswitches Designed and Synthesized by “Recognized Site Replacement Method” for Photo-Regulation of Motor Proteins

Nobuyuki Tamaoki

Hokkaido University, Japan

WeC3-02-4 **Invited Talk**

[Pre-recorded] 17:40-18:00

The Photochromism of Diarylethene-Containing PolyoxometalatesJ. Xu¹, H. Volfova², R. J. Mulder³, L. Goerigk⁴, G. Bryant⁵, E. Riedle², and C. Ritchie¹¹Monash University, Australia, ²Ludwig-Maximilians-Universität München, Germany, ³CSIRO Manufacturing, Australia, ⁴The University of Melbourne, Australia, ⁵RMIT University, AustraliaWeC3-02-5 **Oral**

[Live] 18:00-18:15

Gated Photochromic Reactivity of Diarylethene Derivatives

Sung Ik Yang and Kwang-Hyun Ahn

Kyung Hee University, Korea

WeC3-02-6 **Oral**

[Live] 18:15-18:30

Visualization of Microscopic Structure and Position-Dependent Diffusion Coefficient in Polymeric Materials through Long-Time Single-Molecule Tracking of Diarylethene Derivatives Based on One-Color Fluorescence-SwitchingSyoji Ito^{1,5}, Misato Funaoka¹, Itsuo Hanasaki³, Satoshi Takei⁴, Masakazu Morimoto², Masahiro Irie², and Hiroshi Miyasaka¹¹Osaka University, Japan, ²Rikkyo University, Japan, ³Tokyo University of Agriculture and Technology, Japan, ⁴Toyama Prefectural University, Japan, ⁵Osaka Prefecture University, Japan