

[MoF1] π -Conjugated Materials I

Date / Time July 2 (Mon.), 2018 / 11:00-12:05

Place Room F (#104+105)

Session Chair Bumjoon Kim (KAIST, Korea)

MoF1-I1 (Invited)

11:00-11:25

Conjugated Polymers-Based Multifunctional Materials with Stimuli-Responsive Helical Structures and Chiroptical Properties

Kazuo Akagi

Ritsumeikan Univ., Japan

MoF1-I2 (Invited)

11:25-11:50

On-Surface Synthesis of 1-Dimensional π -Conjugated Carbon Systems

Oliver Gröning¹, S. Wang², Q. Sun¹, P. Ruffieux¹, R. Fasel¹, and W. Xu³

¹*Empa Materials Science and Tech., Switzerland*, ²*Shanghai Jiao Tang Univ., China*, ³*Tongji Univ., China*

MoF1-O3

11:50-12:05

Electrical Transport of Carbonized Polymer Nanofibers and Comparison with Polymer Nanofibers

Kyung Ho Kim¹, Samuel Lara-Avila¹, Kasper Moth-Poulsen¹, Kazuo Akagi², Rositsa Yakimova³, Sergey Kubatkin¹, and Yung Woo Park⁴

¹*Chalmers Univ. of Tech., Sweden*, ²*Ritsumeikan Univ., Japan*, ³*Linkoping Univ., Sweden*, ⁴*Seoul Nat'l Univ., Korea*