

[MoD2] New Organic Conductors I

Date / Time July 2 (Mon.), 2018 / 13:30-15:30

Place Room D (#109)

Session Chair Toshikazu Nakamura (Inst. for Molecular Science, Japan)

MoD2-I1 (Invited)

13:30-13:55

Exploration of Molecular Conductors with Hydrogen-Bond Dynamics

Akira Ueda

The Univ. of Tokyo, Japan

MoD2-I2 (Invited)

13:55-14:20

Crystallization and Vitrification of Strongly Correlated Electrons on A Geometrically Frustrated Triangular Lattice

Kenichiro Hashimoto

Tohoku Univ., Japan

MoD2-I3 (Invited)

14:20-14:45

Molecular Bilayer Conductors (CNB-EDT-TTF)₄X; Progresses in New Prototype of 2D Metals

Manuel Almeida¹, Sandrina Oliveira¹, Ana Cristina Goncalves¹, Vasco Gama¹, Goncalo Oliveira¹, Elsa B. Lopes¹, Isabel C. Santos¹, Sandra Rabaca¹, Jose A. Paixao², and Enric Canadell³

¹Univ. de Lisboa, Portugal, ²Univ. de Coimbra, Portugal, ³ICMAB (CSIC), Spain

MoD2-O4

14:45-15:00

Magnetic Properties in New Organic pi-d Systems Lambda-, Lambda'- and Kappa- (STF)2FeX4 (X = Cl, Br)

Takaaki Minamidate, Takuma Wada, Noriaki Matsunaga, Atsushi Kawamoto, and Kazushige Nomura
Hokkaido Univ., Japan

MoD2-O5

15:00-15:15

Metal-Insulator Transition and Magnetocapacitance Effect in Alpha''-(BEDT-TTF)₂RbCo(SCN)₄

Satoshi Iguchi¹, Syuhei Yamada¹, Ryota Kobayashi¹, Naoki Yoneyama², and Takahiko Sasaki¹

¹Inst. for Materials Research, Tohoku Univ., Japan, ²Yamanashi Univ., Japan

MoD2-O6

15:15-15:30

Cantilever Torque Magnetometry Experiments for Organic Molecular Conductors, TPP[Mn(Pc)(CN)₂]₂ and [Mn(Pc)(CN)₂]₂O

Kiyoshi Torizuka¹, Masaki Matsuda², Mitsuo Ikeda³, Noriaki Hanasaki³, and Yoshiya Uwatoko⁴

¹Nippon Inst. of Tech., Japan, ²Kumamoto Univ., Japan, ³Osaka Univ., Japan, ⁴Univ. of Tokyo, Japan