



Session Title	[MoD1] Theory
Date / Time	July 2 (Mon.), 2018 / 11:00-12:10
Room	Room D (#109)
Session Chair	TBA

MoD1-I1 (Invited)

11:00-11:25

Exchange Interactions in Molecular Materials

Ben Powell
Univ. of Queensland, Australia

MoD1-O2

11:25-11:40

Electronic State and Optical Response in a Hydrogen-Bonded Molecular Conductor

Makoto Naka¹ and Sumio Ishihara²
¹Waseda Univ., Japan, ²Tohoku Univ., Japan

MoD1-O3

11:40-11:55

Energy Landscape of Charge Excitations in The Boundary Region between Dimer–Mott and Charge Ordered States in Molecular Solids

Masao Ogata¹, Hidetoshi Fukuyama², and Jun-ichiro Kishine³
¹Univ. of Tokyo, Japan, ²Tokyo Univ. of Science, Japan, ³The Open Univ. of Japan

MoD1-O4

11:55-12:10

Ground State Properties of κ -BEDT-TTF₂X; 3/4-Filled Case and Carrier Doping

Hiroshi Watanabe¹, Hitoshi Seo², and Seiji Yunoki²
¹Waseda Univ., Japan, ²RIKEN, Japan

MoD1-O5

12:10-12:25

Quenched Disorder Effect on The Charge-Glass Forming Ability in The Charge Ordered Organic Compounds

Satoshi Ohkura¹, Kenichiro Hashimoto¹, Ryota Kobayashi¹, Yuya Karakane¹, Yuka Ikemoto², Taro Moriwaki², and Takahiko Sasaki¹
¹IMR, Tohoku Univ., Japan, ²JASRI, Spring-⁸, Japan