

One Day Symposium of Research Center for Structural Thermodynamics (RCST)

December 21st 2017 from 10:00 to 17:45

E204 room in Department of Science, Graduate School of Science, Osaka University

Program

10:00-10:20

Yasuhiro Nakazawa (RCST, Osaka University)

Opening & Introduction of RCST (Scope and Recent Topics on Molecular Spin liquids, Superconductors, and Charge Glasses)

10:20-10:50

Takashi Kawakami (Dept. of Chemistry, Osaka University)

Theoretical Calculations of Zero-Field Splitting Parameter D for Single Molecular Magnets

10:50-11:20

Hiroki Akutsu (Dept. of Chemistry, Osaka University)

A Ferrocene-based Magnetic Anion and its Charge-Transfer Salts

11:20-11:50

Noriaki Hanasaki (Dept. of Physics, Osaka University)

Giant Magnetoresistance in Phthalocyanine-Molecular Conductor

Lunch Break

13:30-14:30

Keynote lecture Joel Steven Miller (University of Utah)

Organic-based Magnets: New Chemistry and New Materials for This Millennium

14:30-15:00

Takashi Kubo (Dept. of Chemistry, Osaka University)

Self-Association Behaviors of Phenalenyl Radicals

15:00-15:30

Yuko Hosokoshi (Dept. of Physics, Osaka Prefecture University)

Thermal Study on Quantum States in Organic Radicals

Break

15:45-16:15

Motohiro Nakano (RCST, Osaka University)

Revisiting Kambe's Vector Coupling Method -An Old Problem in Magnetochemistry-

16:15-16:45

Takashi Kajiwara (Dept. of Chemistry, Nara Women's University)

Lanthanide-based Single Molecule Magnets - Design of the Magnetic Anisotropy of Lanthanide Ions

16:45-17:15

Mitsuhiko Maesato (Dept. of Chemistry, Kyoto University)

Iodine-based Functional Materials

17:15-17:45

Yuji Miyazaki (RCST, Osaka University)

Calorimetric Studies on Nanomachine Candidate Substances

Banquet (Room G103)



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2F E204 室