

< POSTER SESSION >

DEC, 7

- 1 Condensed Molecular Materials Lab, H.M. Yamamoto
Molecular Conductor Nanowires Sheathed by Supramolecular Networks
- 2 Condensed Molecular Materials Lab, Y. Kawasugi
Electrostatic carrier doping into the Mott insulating state of a molecular conductor
- 3 Surface Chemistry Lab, H.S. Kato
Study of electronic states in organic thin film transistors: Field effects on fluorescence-yield X-ray absorption spectra of pentacene thin films
- 4 Organometallic Chemistry Lab, Virendra Kumar Rai
Synthesis and Characterization of Novel Electrophosphorescent Materials for OLED Application.
- 5 Antibiotics Lab, H. Okumura
Structure-affinity relationship of bleomycins and shble protein
- 6 Synthetic Organic Chemistry Lab, G. Hirai
Development of Protein Kinase C Inhibitor Based on Modulation of Lipid-protein Interaction
- 7 BSI / Laboratory for Cell Function Dynamics S. Shimozone
Diffusion of large molecules into assembling nuclei revealed using an optical highlighting technique
- 8 Biometal Science Lab, H. Sugimoto
Crystal structure and design of highly active vitamin D hydroxylase
- 9 Biometal Science Lab, T. Hisano
Crystal structure of a phenylacetic acid degradation protein PaaG from *Thermus thermophilus* HB8
- 10 Biometal Science Lab, T. Yamamoto
70S ribosomal-protein dynamics in translocation revealed by H/D exchange and mass spectrometry

- 11 Biometal Science Lab, M. Horitani
Role of the Heme Environmental Amino Acid Residues and Mechanism of the Substrate Inhibition in Human Indoleamine 2,3-Dioxygenase
- 12 Biometal Science Lab, T. Tosha
Functional roles of Ca in the reaction catalyzed by bacterial nitric oxide reductase
- 13 Biometal Science Lab, Y. Naoe
Structure and function of bacterial metal transporter
- 14 Tokyo Metropolitan University Y. Ito
Applications of nonlinear sampling and maximum entropy reconstruction to NMR analyses of problematic protein samples.
- 15 Molecular Spectroscopy Lab, H. Watanabe
A study of the molecular behavior at the air/water interface with experimental and theoretical methods
- 16 Molecular Spectroscopy Lab, Sudip Mondal
Electronic spectra of coumarin 110 at air/water and air/solvent-mixture interfaces: Quantitative bandwidth analysis to estimate heterogeneity of solvation environment
- 17 Molecular Spectroscopy Lab, S. Nihonyanagi
Water structure at charged aqueous interfaces revealed by heterodyne-detected VSFG]
- 18 Molecular Spectroscopy Lab, S. Yamaguchi
Orientational distribution of interfacial molecules determined by linear and nonlinear polarization spectroscopy
- 19 Structural Materials Science Lab, K. Kato
Visualization of Inter- and Intra- Molecule Interaction by Synchrotron X-ray Diffraction
- 20 Advanced Meson Science Lab, D. Tomono
Progress in development of new μ SR spectrometer at RIKEN-RAL
- 21 Advanced Meson Science Lab, T. Kawamata
Development of a Data Acquisition System for a New μ SR Spectrometer at the RIKEN-RAL Muon Facility

- 22 Advanced Meson Science Lab, I. Watanabe
μSR Study on the Spin Dynamics of Fe in Heme Proteins
- 23 Advanced Meson Science Lab, Risdiana
Muon-Spin-Relaxation Study of Spin Dynamics in poly(3-alkylthiophene)
- 24 Advanced Meson Science Lab, Y. Ishii
High-Pressure μSR Study of Organic Conductors
- 25 Advanced Meson Science Lab, Y. Ishii
μSR Studies of an Organic 2-D Triangular Antiferromagnet,
EtMe₃Sb[Pd(dmit)₂]₂
- 26 Chemical Analysis Team Y. Sakaguchi
Magnetic field effects of organic electroluminescence
- 27 Magnetic Materials Lab, M. Ono
Real-space observation of electron-spin information on molecules
- 28 Advanced Meson Science Lab, Y. Ishii
μ SR Studies of Linear Two-Coordinate Iron Complexes.

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