

Poster Presentation

Odd numbers: Monday 13 July 16:45-18:30 ; Even Numbers: Tuesday 14 July 16:45-18:30

- P1** Crystal structures and magnetic properties of first row transition metal complexes of radical anion ligand of 1,2,5-thiadiazole 1,1-compound
Y Shuku, Nagoya University, Japan
- P2** Evaluation of Electronic State for Carrier- doped $[\text{Ni}(\text{dmit})_2]^-$ Spin Ladder Compound
K Ichihashi, Hiroshima University, Japan
- P3** Magneto-Structural Correlation in *N,N*-Bis(3-*tert*-butylphenyl) nitroxyl Radical Crystal
K Adachi, Keio University, Japan
- P4** Molecular Design of Sulfonylaniline-based Fluorescent Dyes
H Katagiri, Yamagata University, Japan
- P5** Room-Temperature Phosphorescence of Diarylmethanoboron Difluorides in the Crystalline States
A Sakai, Osaka Prefecture University, Japan
- P6** Difference in photochromic behaviors of the bridgehead-disubstituted dibenzobarrelenes in crystalline state: *in-situ* X-ray structure analyses
S Okabe, Ibaraki University, Japan
- P7** Controlling Optical Properties of Salicylidene Schiff Bases Polymorphs Accompanied by Structural Phase Transition
K Amimoto, Hiroshima University, Japan
- P8** Synthesis, Structures, and Solid-State Photochromic Behavior of Tetracoordinate Cationic Boron Complexes Bearing a Bipyridine Moiety
N Hatta, University of Toyama, Japan
- P9** Vapochromism of Organic Cocrystal Induced by Crystalline Solvent Exchange
A Sakon, Tokyo Institute of Technology, Japan
- P10** Syntheses, Structures and Magnetic Properties of two Azido-Bridged Mn(II) and Ni(II) Layers with 6-(Tetrazol-5-yl)-2,2'-Bipyridine Ligand
CI Yang, Tunghai University, Taiwan
- P11** Magneto-Structural Correlation of 3-*tert*-Butyl Benzotriazinyl Radical Derivatives
Y Takahashi, Keio University, Japan
- P12** Synthesis and optical properties of novel bisazomethine dyes having dipropyl and dibutyl substituents at the terminal amino group with long alkoxy substituents on the phenyl ring
H Yu, Yokohama National University, Japan
- P13** Effects of terminal dialkyl substituents on the crystal structures of bisazomethine dyes
T Jindo, Yokohama National University, Japan

- P14** Development of Mechanochromic Luminescent Liquid Crystals Containing Oligothiophene Moieties
M Mitani, The University of Tokyo, Japan
- P15** Hierarchical Construction of Multi-Structural Porous Organic Salts (POSSs) for Fluorescence Modulation in Responsive to Template Molecules
T Miyano, Osaka University, Japan
- P16** Regulation of π -Stacked Anthracene Arrangement for Fluorescent Colour Modulation in Crystalline State
N Okada, Osaka University, Japan
- P17** Thermally induced mechanical effects in molecular conductors
T Shirahata, Ehime University, Japan
- P18** Strain-tunable superconducting field-effect transistor with an organic strongly-correlated electron system
M Suda, Institute for Molecular Science, Japan
- P19** Computational Polymorph Search for Organic Molecules: Crystal Structure Prediction
S Obata, Toyohashi University of Technology, Japan
- P20** Crystal Structure Prediction of N-heteroacenes as potential Organic Semiconductors
JE Campbell, University of Southampton, UK
- P21** Using Knowledge from the Cambridge Structural Database to assess the likelihood of Polymorphism for Small Organic Compounds
LJ Quegan, Cambridge Crystallographic Data Centre, UK
- P22** Mechanical Properties Prediction Using Molecular and Synthonic Modelling- Pentaerythritol and Pentaerythritol Tetranitrate as case studies
SF Ibrahim, University of Leeds, UK
- P23** Solid-state Photodimerization of Co-crystals of Azaanthracene and Naphthols Produced by Co-grinding
R Akazawa, Ochanomizu University, Japan
- P24** Photo-reversible Topochemical Polymerization via [2+2]-Cycloaddition of Thymine Derivative in the Crystal
A Udagawa, Waseda University, Japan
- P25** Self-assembly and stereospecific photo [2+2] cycloaddition of 1,2-bis(4-pyridyl)ethene (bpe) catalyzed by aqua complexes
KK Orisaku, Kanagawa University, Japan
- P26** Single Crystal Actuators as Artificial Molecular Machinery
P Naumov, New York University Abu Dhabi, UAE
- P27** Photomechanical Bending of Chiral and Racemic Azobenzene Crystals

T Taniguchi, Waseda University, Japan

P28 High-accuracy Universal Polarimeter Study of Salicylidene-phenylethylamine Crystals with Photomechanical Function

A Takanabe, Waseda University, Japan

P29 Evaluation of the Relationship between Molecular Orientation and Photoinduced Bending Behavior of Diarylethene Microfibers

H Tsujioka, Osaka City University, Japan

P30 Changes in the terahertz spectra of plastic crystals due to phase transitions

K Umeno, Akita University, Japan

P31 Terahertz spectroscopic study on gas adsorption on ZIF-8 metal-organic framework

D Ishikawa, Akita University, Japan

P32 Amorphous solids consisting of 2,4,6-tris(4-biphenyl)phenoxy and its dimers

N Okamoto, University of Toyama, Japan

P33 Solvate and hydrate formation in pharmaceutical development

K Takieddin, University of East Anglia, UK

P34 Hydrogen Bonding Co-Crystals Consisting of AIE Molecule and Nitrogen-Containing Compounds

K Sada, Hokkaido University, Japan

P35 X-ray Crystallographic Analysis of CO₂ Adsorption State in Seemingly Nonporous Crystal of *N*,*C*-Protected Methionylalanine

R Oketani, Kyoto University, Japan

P36 Interaction between Polymers and Low-Molecular Weight Compounds 17. Adsorption of Organic Compounds onto Poly(amino acid)s

A Inada, Fukushima University, Japan

P37 Production of spherical micro-particle of sulfasalazine using supercritical antisolvent (SAS) crystallization process

CS Su, National Taipei University of Technology, Taiwan

P38 Molecular dynamics of initial stage of crystal formation process, as detected by aggregation-induced emission

F Ito, Shinshu University, Japan

P39 Crystallization-induced dynamic resolution of α -iodoamide using enantioselective inclusion into *N,N'*-ditrityl (*S*)-2-aminopropanamide

M Akazome, Chiba University, Japan

P40 Anthrapyrazolone derivatives for therapeutic inhibition of Jun N-terminal Kinase

DP Karothu, Indian Institute of Science, India

P41 Polymorphism of β -Carboline Derivatives

- H Masu**, Chiba University, Japan
- P42** Multi-component crystal consisting of two drugs in combination: intermolecular interaction between gliclazide and metformin
OD Putra, Tokyo Institute of Technology, Japan
- P43** The photodegradation of nifedipine and its cocrystals
SA Stratford, University of Cambridge, UK
- P44** Novel benzotriazinyl anion radical salt with tetramethylammonium cation
Y Narumi, Keio University, Japan
- P45** Self-Assembly of Liquid-Crystalline Coordination Spheres
J Uchida, The University of Tokyo, Japan
- P46** Construction of Molecular K_4 Crystals with Naphthalene-Diimide Based Triangular Molecules
A Mizuno, Nagoya University, Japan
- P47** Effects of molecular flexibility and terminal substituents on conformational polymorphism in pyrazine dyes
Y Akune, Yokohama National University, Japan
- P48** New type of geometrical frustration induced by mismatch between translational symmetry and lattice transformation
R Suizu, Chiba University, Japan
- P49** Investigation of a variety of hydrogen-bonded organic frameworks
T le Roex, Stellenbosch University, South Africa
- P50** New Tetrazole-Bridged Manganese MOF as a High-Energy Material
Y Friedman, Tel Aviv University, Israel
- P51** Guest-Responsive Organic Solids
L Dobrzańska, Katholieke Universiteit Leuven, Belgium
- P52** The Crystal Structure of Entrapped 8-Hydroxyquinoline Molecules in an Interleaved Hydrogen Bonded *Zigzag* Channel of Sulfamethoxazole Molecules
E Marfo-Owusu, University of Energy and Natural Resources, Ghana
- P53** Absorption spectra of mixture films of one-dimensional metal complexes under high pressure
K Takeda, Muroran Institute of Technology, Japan
- P54** iBIX – a Powerful Single-Crystal Neutron Diffractometer for Chemical and Biological Crystallography
T Hosoya, Ibaraki University, Japan
- P55** Direct Observation of Interconversion between Discotic and Calamitic Mesophases in Supramolecular Liquid Crystalline Systems
M Yamagaki, Osaka Prefecture University, Japan

- P56** Some industrial applications of organic solids for Nutrition, Health and Wellness
L Forny, Nestle R&D Ltd., Singapore
- P57** Self-organized Ferroelectric Polymer Nanostructures with Highly Anisotropic Performance
K Cai, Beijing Center for Chemical and Physical Analysis, China
- P58** Multi-component Adducts of Pyridoxine
R Ganduri, Indian Institute of Science, India