

Poster Presentations

Poster Session (1)

Conference Hall

17:00-18:30, Wednesday, September 2, 2015

- PS-1 M. Abe, I. Osaka, K. Takimiya (Nippon Kayaku Co., Ltd., RIKEN)
Bis(benzothieno)naphthodithiophene (BBTNDT) Derivatives for Organic Semiconductor
- PS-2 S. Aoyama, Y. Ooyama, J. Ohshita (Hiroshima University)
Molecular Design toward Creating Highly-Sensitive Fluorescence PET Sensor for Trace Amount of Water
- PS-3 H. Aramoto, T. Kusakawa (Kyoto Institute of Technology)
Dicarboxylic Acid Recognition of Diamidine Having 1,8-Diphenylanthracene Unit
- PS-4 S. Biradar, Y. Kubota, K. Funabiki, M. Matsui (Gifu University)
Effect of Alkyl Groups on the Properties of Dye Molecules
- PS-5 T. Enoki, Y. Ooyama, K. Komaguchi, J. Ohshita (Hiroshima University)
Molecular Design and Synthesis of Heteropolycyclic D- π -A Dyes for Photodynamic Therapy
- PS-6 Y. Fukamoto, T. Ashida, H. Okamura, A. Matsumoto, E. Sato, H. Horibe (Osaka Prefecture University)
Design of Adhesive Polymer Materials and Debonding Processes for Quick Dismantlable Adhesion System
- PS-7 K. Furue, Y. Ooyama, J. Ohshita (Hiroshima University)
Influences of Anchoring Groups for D-(π -A)₂ Dyes on Photovoltaic Performance of Dye Sensitized Solar Cells
- PS-8 S.-Y. Gwon, B. A. Rao, Y.-A. Son, S.-H. Kim (Kyungpook National University, Chungnam National University)
Novel Styrylbenzothiazolium Dye-Based Sensor for Mercury, Cyanide and Hydroxide Ions
- PS-9 J.-B. Harle, H. Fujiwara, Y. Sano, T. Maeda, H. Nakazumi (Osaka Prefecture University)
Effect of Alternative Acceptor Groups on the Electronic, Photophysical Properties and Performance of the Dye Sensitized Solar Cell
- PS-10 Y. He, S. Yagi, T. Maeda, H. Nakazumi (Osaka Prefecture University)
Novel Red Fluorescent Dibenzo[a,c]phenazine Derivatives Bearing π -Based Donor Substituents at the 10,13-Positions
- PS-11 R. Hirose, Y. Akune, S. Matsumoto (Yokohama National University)
Optical Properties of Two Polymorphs of a 2,5-Diamino-3,6-dicyanopyrazine Dye Having 4-Methylbenzyl Substituents
- PS-12 Y. Yamai, T. Maeda, S. Honma (KNC Lab. Co., Ltd.)
Functional Bio Organic Materials for Healthcare Devices.

- PS-13 K. Yamamoto, T. Tsujioka (Osaka Kyoiku University)
Isomerization Structure of Diarylethene Film Induced by Electrical Carrier Injection
- PS-14 H. Horii, M. Misaki, Y. Koshihara, K. Ishida (Kobe University)
Fabrication and Characterization of Photo-Responsible Organic Ferroelectric/Photoconductive Stacked Films
- PS-15 S. Horike, Y. Koshihara, M. Misaki, T. Saito, K. Ishida (Kobe University, AIST)
Enhanced Thermopower of Single-Wall Carbon Nanotube Dispersed with Ionic Liquid
- PS-16 A. Nomoto, K. Hyakumura, Y. Sakai, S. Yano, A. Ogawa (Osaka Prefecture University, Nara Institute of Science and Technology)
Synthesis of Thioglucose-Conjugated Ir Complex and Its Luminescent Quenching for Oxygen Sensing
- PS-17 I. Hyun, C. Y. Jung, J. Y. Jaung (Hanyang University)
Synthesis and Application of Tetrapyrroline Bearing Dipyridyl Moiety for Chemosensor
- PS-18 M. Ide, Y. Koizumi, S. Seki, A. Saeki (Osaka University)
Molecular Engineering of Strong Electron-Accepting Dyes: Thieno- and Benzothieno-Isoindigo Copolymers
- PS-19 S. Inagaki, T. Kadoya, H. Akutsu, J. Yamada (University of Hyogo)
Structural and Physical Properties of Molecular Conductors Derived from Racemic and Chiral Forms of MTDM-TTP
- PS-20 D. Saito, J. Setsune (Kobe University)
Chiroptical Molecular Switches of Cationic Oligopyrrole Helicates with Intense Absorption ($\lambda > 600$ nm) Changing by Solvents and Redox States
- PS-21 J.-W. Jeong, R. S. Kumar, P. Muthukumar, H.-S. Kim, H.-S. So, I.-J. Kim, Y.-A. Son (Chungnam National University)
Manufacture of Halogenated Metallophthalocyanine for Color filter in Optical Imaging Device
- PS-22 J. Jeong, R. S. Kumar, P. Muthukumar, J.-W. Jeong, K.-S. Ku, I.-J. Kim, Y.-A. Son (Chungnam National University)
Synthesis and Characterization of Phenoxy Substituted Metallophthalocyanines
- PS-23 M. Kanda, Y. Ooyama, J. Ohshita (Hiroshima University)
Molecular Design of Catechol Dyes with Various Substituents for Type-II Dye-Sensitized Solar Cell Based on Dye-to-TiO₂ Charge Transfer
- PS-24 M. Karakawa, T. Nagai, K. Adachi, Y. Ie, Y. Aso (Osaka University, Daikin Industries, Ltd.)
Organic Photovoltaic Cells with an Enlarged Open Circuit Voltage Using New Fulleropyrrolidine Derivatives
- PS-25 S. Kawaguchi, A. Nomoto, A. Ogawa (Osaka Prefecture University)

Green Catalysts Bearing P-Perfluoroalkylphosphine Ligands for Cross Coupling Reactions

- PS-26 H.-S. Kim, S. Angupillai, J.-W. Jeong, H.-S. So, W. Oh, J. Jeong, Y.-A. Son (Chungnam National University)
Synthesis of Novel Thermochromic Fluorans and Their Chromogenic Properties
- PS-27 I.-J. Kim, P. Muthukumar, R. S. Kumar, H.-S. Kim, H.-S. So, K.-S. Ku, Y.-A. Son (Chungnam National University)
Synthesis of Cationic Phthalocyanine and Its Dyeing Properties on to Acrylics
- PS-28 T. Kinoshita, M. Fukuda, H. Shiigi, T. Nagaoka (Osaka Prefecture University)
Optical Detection of Pathogenic Bacteria Using Nanocomposite as a Biomarker
- PS-29 Y. Kobiki, S. Kawaguchi, A. Ogawa (Osaka Prefecture University)
Palladium-Catalyzed Direct Synthesis of α -Diimines from Triarylbi-muthines and Isocyanides for Construction of Functional N-Heterocycles
- PS-30 Y. Kondo, M. Kato, S. Kawasaki (Kyoto Institute of Technology, Osaka Gas Chemical Co., Ltd.)
New Fabrication of Fluorene Based Polymer (FBP) Fine Particles and Its Properties
- PS-31 Y. Koshi-ba, M. Nishimoto, A. Misawa, M. Misaki, K. Ishida (Kobe University)
Fabrication of n-Type Phthalocyanine Nanorod on Ultrathin Metal Films by Chemical Vapor Deposition
- PS-32 H. Kubo, S. Yoshino, T. Komoriya, K. Sakamoto (Nihon University)
Subphthalocyanines and Un-symmetric Phthalocyanines Having Thioaryl Groups
- PS-33 D. Q. Le, M. Takai, S. Suekuni, S. Tokonami, H. Shiigi, T. Nagaoka (Osaka Prefecture University)
Development of Conducting Polymer-Based Platforms for Monitoring Bacterial Activity
- PS-34 S. Lee, K. Sureshkumar, S. Angupillai, H.-S. So, C. Kim, J.-W. Jeong, Y.-A. Son (Chungnam National University)
Synthesis and Optical Properties of "Turn on-off" Chemosensor Applied to Diverse Applications
- PS-35 L. Lou, A. Tsujii, M. Nagashima, H. Okamura, A. Matsumoto (Osaka Prefecture University)
Synthesis of Degradable Thermosetting Resin Using Maleic Anhydride/Diene Copolymers and Difunctional Crosslinkers
- PS-36 T. Maeda, Y. Sano, S. Nitta, S. Yagi, H. Nakazumi (Osaka Prefecture University)
Near-infrared Absorbing Squaraine Dyes Bearing Benzo[c,d]indolenine for Dye-sensitized Solar Cells
- PS-37 H. Matsumoto, S. Mori, M. Takase, H. Uno, T. Okujima (Ehime University)
Preparation and Physical Properties of Cyclo[8]pyrrole Phosphonate Salts
- PS-38 S. Matsumoto, T. Tsujioka (Osaka Kyoiku University)
Indium-Vapor Deposition Modulation on an Amorphous Photochromic Diarylethene Surface
- PS-39 R. Minobe, D. Tanaka, H. Ishiguro, Y. Shimizu, K. Uchida (Ryukoku University, AIST)

Effect of the Linkage Groups in Azobenzene-triphenylene Liquid Crystals on the Thermal and Photoinduced Phase Transitions

- PS-40 Y. Mulyana, Y. Kubo, F. R. Keene, L. Spiccia, K. Ishii (Tokyo Metropolitan University, University of Adelaide, Monash University, University of Tokyo)
Photo-Electrochemical Hydrogen Production from Water
- PS-41 A. Nomoto, A. Murata, T. Fujiyama, M. Ueshima, A. Ogawa (Osaka Prefecture University)
Photoluminescent and Metal Coordination Properties of Sulfur-Containing π -Conjugated Divinylbenzene Derivatives Synthesized by Regio- and Stereoselective Addition Reactions Catalyzed by $RhCl(PPh_3)_3$
- PS-42 Y. Shigemitsu, T. Mutai, H. Houjou, K. Araki (Industrial Technology Center of Nagasaki, University of Tokyo)
Aggregation Effects on the Electronic and Fluorescent Spectra of 2-(2'-Hydroxyphenyl)imidazo[1,2-a]pyridine Derivatives: Computational Investigations

16:10-17:40, Thursday, September 3, 2015

- PS-43 D. Q. Nguyen, H. Shiigi, T. Nagaoka (Osaka Prefecture University)
Fluorescence Enhancement of Nanoraspberry Composed of Gold Nanoparticles and Aniline Oligomer
- PS-44 T. V. Nguyen, T. Maeda, S. Yagi, H. Nakazumi (Osaka Prefecture University)
Squaraine Dyes with Triphenylamine Donor Units for Dye-Sensitized Solar Cells
- PS-45 S. Nishida, A. Sakai, Y. Matsui, E. Ohta, H. Ikeda (Osaka Prefecture University)
*A Red Exciplex Emission of the Mixed Crystal Composed of Diethylamino and *t*-Butyl Derivatives of Dibenzoylmethanoboron Difluoride*
- PS-46 A. Orita, T. Nishida, F. Xu, K. Shinohara, I. Kasuga, J. Otera (Okayama University of Science)
Synthesis and Photoluminescence of 1,3,6,8-Tetra(trimethylsilylethynyl)pyrene
- PS-47 N. Nishitani, T. Hirose, K. Matsuda (Kyoto University)
STM Observation of Surface-Confined Self-Assembly Stabilized via Hydrogen Bond of Urea and Amide Groups: Nucleation–Elongation Mechanism at a Liquid/Solid Interface
- PS-48 R. Nishiuchi, T. Kadoya, H. Akutsu, J. Yamada (University of Hyogo)
Structural and Physical Properties of Molecular Conductors Derived from π -Donors with a Sulfur-Containing Seven-Membered Ring
- PS-49 A. Nomoto, T. Taniguchi, K. Kakiuchi, S. Yano, A. Ogawa (Osaka Prefecture University, Nara Institute of Science and Technology)
Metal Ion-Sensing Properties of Nobel Anthraquinone Derivatives Bearing Chalcogen-Containing Amino Acid Moieties
- PS-50 T. Ohashi, S. Gontani, K. Miyanaga, T. Kurata, Y. Akatani, S. Matsumoto (Yokohama National University, Nippon Kayaku Co., Ltd.)
The Crystal Structure of 2,2'-Diallyl-4,4'-Sulfonyldiphenol Used as a Color Developer in Thermal Paper
- PS-51 N. Okamura, S. Yagi, T. Maeda, H. Nakazumi (Osaka Prefecture University)
Novel Organoplatinum(II) Complex Bearing a Hole-transporting Dendron Showing Extraordinary Excimer-based Electrophosphorescence
- PS-52 H. Omori, S. Hiroto, H. Shinokubo (Nagoya University)
Novel Synthetic Method of Nickel(II) Azacorroles from Nitrogen Bridged Dipyrin Derivatives
- PS-53 S. Minami, K. Shimozawa (Johnson Matthey Japan G.K.)
Tools for Organic Synthesis from Johnson Matthey
- PS-54 Y. Ishimaru, K. Yokomizo, T. Nomura, T. Fujihara (Saitama University)
Synthesis and Properties of Pyrrole-Fused Porphyrin with C_{60} Moiety
- PS-55 S. Sakamoto, T. Kadoya, H. Akutsu, J. Yamada (University of Hyogo)

Structural and Physical Properties of Molecular Conductors Derived from Racemic and Chiral Forms of DMDHDA-TTP

- PS-56 S. Seike, M. Funahashi (Kagawa University)
Synthesis of New Liquid Crystalline Lemke Dyes Bearing Oligosiloxane Chains
- PS-57 K. Nakaguchi, T. Kusakawa (Kyoto Institute of Technology)
Diphosphonic Acid and Dicarboxylic Acid Recognition of Diamidine Having an Anthracene Unit in a Protic Solvent
- PS-58 R. Shigitani, M. Shimizu (Kyoto Institute of Technology)
Luminescent Properties of 2,5-Dialkoxytetraphthalic Acid Diesters
- PS-59 Y. Shimizu, Y. Higuchi, K. Kawano, H. Itani, L. S-Vargas, H. Matsumoto, W. Shin, A. Fujii, M. Ozaki (AIST, Osaka University, Ryukoku University)
A Binary System of Liquid Crystalline Octahexyl Analogues of Phthalocyanine and Tetrabenzo-porphyrin: Phase Behavior and Charge Transport Properties
- PS-60 H. Shimogawa, A. Wakamiya, Y. Murata (Kyoto University)
Bis(difluoroboron) Dipyrrrolethanedione as a New Electron-Accepting Unit for D-A Type Organic Dyes
- PS-61 A. Orita, K. Shinohara, T. Nishida, L. Peng, R. Wada, J. Otera (Okayama University of Science)
Syntheses of (1-Propynyl)arenes: One-Pot Dephosphorylation of Phosphorylpropyne and Sonogashira Coupling
- PS-62 Y. Shirai, T. Nakanishi, L.-Y. Han (National Institute for Materials Science)
Design and Synthesis of Indenofluorene Derivatives as Low Band-Gap n-Type Semiconductors
- PS-63 H.-S. So, S. Angupillai, K. Sureshkumar, H.-S. Kim, C. Kim, S. Lee, Y.-A. Son (Chungnam National University)
Reversible and Irreversible Thermochromics Transition of Polydiacetylene and Their Innovative Application
- PS-64 L. Sun, N. Okamura, S. Yagi, T. Maeda, H. Nakazumi, Y. Masahiro (Osaka Prefecture University, TANAKA Holdings Co., Ltd.)
Novel Red Phosphorescent Bis-cyclometalated Iridium(III) Complexes Bearing tert-Alkyl-substituted Aromatic Ancillary Ligands
- PS-65 K. Suyama, H. Tachi (Osaka Prefecture University)
O-Acyloxime-Based Photolabile Crosslinkers
- PS-66 K. Takase, M. Morimoto, Y. Kojima, S. Yokojima, S. Nakamura, K. Uchida (Ryukoku University, Rikkyo University, MCHC R&D Synergy Center, Tokyo University of Pharmacy and Life Sciences, RIKEN)
Photoinduced Topographical Changes of the Surfaces of Diarylethene Derivatives with Ionic Structures
- PS-67 T. Tamagawa, M. Shimizu (Kyoto Institute of Technology)
Design and Characterization of Laterally Substituted D- π -A Type Biphenyls as Fluorescent Solid

- PS-68 D. Tanaka, H. Hashino (Sanyo Color Works Ltd.)
Nano Scale Pigment Dispersions and High Functional Pigments
- PS-69 M. Tanaka, S. Muraoka, A. Sakai, Y. Matsui, E. Ohta, K. Mizuno, H. Ikeda (Osaka Prefecture University)
Sharp Contrast in Solvatofluorochromic Property between Phenyl- and [2.2]Paracyclophanyl-Substituted Difluoroboron β -Diketonate Complexes
- PS-70 N. Tanaka, Y. Kubota, K. Funabiki, M. Matsui (Gifu University)
Application of Novel Double Rhodanine Indoline Dyes Having One and Two Anchor Carboxyl Group(s) for Dye-Sensitized Solar Cell
- PS-71 S. Tanaka, T. Maeda, S. Kitagawa, S. Yagi, H. Nakazumi (Osaka Prefecture University)
Near-infrared Absorbing Squaraine Dyes for Donor Materials Used in Organic Photovoltaics
- PS-72 T. Taniguchi, M. Imoto, M. Takeda, T. Nakai, M. Mihara, T. Iwai, T. Ito, T. Mizuno, A. Nomoto, A. Ogawa (Seika Corp., Osaka Prefecture University)
*Synthesis of *m*-Substituted Phenols via Diazonium Salts Hydrolysis Using CPME/H₂O*
- PS-73 H. Tobata, T. Sagawa (Kyoto University)
Aggregation Behavior of Cyanine Dyes with Different Length of Methine Group in the Presence of Hyaluronic Acid
- PS-74 T. Tsuji, T. Kawai, K. Oyaizu, H. Nishide (Waseda University)
Polymer Electrolyte Film for Lithium Sulfur Battery
- PS-75 A. Uchida, Y. Ie, M. Nitani, Y. Aso (Osaka University)
Synthesis, Properties, and Transistor Characteristics of Electron-Accepting π -Conjugated Compounds Containing Dicyanomethylene Groups
- PS-76 S. Watabiki, S. Yoshino, T. Komoriya, K. Sakamoto (Nihon University)
Photosensitizer for Photodynamic Therapy of Cancer
- PS-77 Y. Wu, L.-Y. Han (National Institute for Materials Science)
D-A- π -A Organic Sensitizers for Highly Efficient and Stable Dye-Sensitized Solar Cells
- PS-78 M. Yamagaki, H. Okamura, A. Matsumoto (Osaka Prefecture University)
Direct Observation of Interconversion between Discotic and Calamitic Mesophases in Supramolecular Liquid Crystalline Systems
- PS-79 K. Yamamoto, T. Tsujioka (Osaka Kyoiku University)
Isomerization of Diarylethene Molecules via an Ionic State by Electrostatic Carrier Injection
- PS-80 A. Kisuno, K. Furuta, S. Honma (KNC Lab. Co., Ltd.)
Low Temperature-Melting Waxes Based on Special Multiple Colloidal Technology for Toner Application
- PS-81 T. Yamamoto, Y. Kubota, K. Funabiki, M. Matsui (Gifu University)
Liquid Cyanine Dyes

- PS-82 R. Yamashita, K. Kita (Technology Research Institute of Osaka Prefecture)
Color Change of Naphthalenetetracarboxylic Acid Diimide Derivatives by Odor Substances
- PS-83 W. Yao, J. M. Park, D. H. Seong, J. Y. Jaung (Hanyang University)
Synthesis and Characteristics of Sugar Conjugating Azaphthalocyanine Complexes for Photodynamic Therapy (PDT)
- PS-84 H. Yu, J.-Y. Lee, S. Matsumoto, Y.-A. Son (Chungnam National University, Yokohama National University)
Design and Synthesis of a New Dual-Function Chemosensor toward $\text{Cu}^{2+}/\text{F}^-$ Ions
- PS-85 C.-S. Hu, S.-R. Lai (T&T Industries Corp.)
Introduction of T&T Industries Corporation