

95th JSCM Anniversary Conference Poster Presentation List

Wednesday, 26 October 2022

Room P	
11:00 ~ 12:30 Poster Presentaion	
English Poster session (E-P1 - E-P23)	Japanese poster session (J-P24 - J-P42)
E-P-1 Oil-gelling ability of hydrocarbon waxes highly purified from rice bran extracts (Tokyo University of Technology) ○Kirara Nagatsu, Masashi Shibata	J-P-24 Photocontrol of Polymer Structures and Properties by Molecular Switches Showing Large Motions, Near-Quantitative Photoisomerization, and High Thermal Stability (Hiroshima University) ○Naoki Kaneda, Keiichi Imato, Ayane Sasaki, Akira Ishii, Ichiro Imae, Yousuke Ooyama
E-P-2 Comparative Study of Super Absorbent Homo- and co-poly(dimethyl diallyl ammonium chloride) (PDMDAAC) Hydrogels (Nanjing University of Science and Technology) ○Emmanuel Victor Nnamani, Yuejun Zhang,	J-P-25 ESR study on the effect of cholesterol on liposome membranes (Chiba Institute of Technology) ○Hyouma Yoshida, Kazuaki Hashimoto, Hirobumi Shibata
E-P-3 Effect of hydrophilic groups of the quaternary ammonium cationic surfactants on thermodynamic parameters of micelle formation (Chiba Institute of Technology) ○Kayoko Sato, Kazuaki Hashimoto, Hirobumi Shibata	J-P-26 Photo-induced rapid controlled-release of fluorescent dyes solubilized in molecular assemblies formed by amphipathic lophine dimers (Tokyo University of Science) ○Risa Tanaka, Kazuki Kobayashi, Masaaki Akamatsu, Kenichi Sakai, Hideki Sakai
E-P-4 Preparation of niosomes in a polyglycerin fatty acid ester / oleylamine mixed system and formation control by pH change (Tokyo University of Science) ○Hinako Kashiwagi, Koji Tsuchiya, Masaaki Akamatsu, Kenichi Sakai, Hideki Sakai	J-P-27 Water-in-oil (w/o) emulsions prepared with polyglycerol polyricinoleates (PGPR) - Influence of oil type- (¹ Tokyo University of Science, ² Nikko Chemicals Co. LTD.) ○Rimi Takahasahi ¹ , Taku Ogura ^{1,2} , Satoru Hashimoto ² , Masaaki Akamatsu ¹ , Kenichi Sakai ¹ , Hideki Sakai ¹
E-P-5 Effect of Oxyethylene spacer on Dynamic Liquid Crystal Behavior of Anionic Hybrid Surfactants Having Mesogens (¹ Hirosaki University, ² University of Bristol) ○Shunsuke Maesawa ¹ , Shota Suhara ¹ , Atushi Yoshizawa ¹ , Julian Eastoe ² , Masanobu Sagisaka ¹	J-P-28 Effect of alkyl chain length of surfactant on emulsions developing color at two temperature ranges (Tokyo University of Science) ○Tomoaki Aono, Ke-Hsuan Wang, Takeshi Kawai
E-P-6 Fluorine-free anionic surfactants tailored with trimethylsilyl groups and divalent cations for a fluorocarbon-like low surface energy (¹ Hirosaki University, ² Swansea University, ³ Universiti Pendidikan Sultan Idris, ⁴ University of Birmingham, ⁵ University of Bristol) ○Hinata Komiyama ¹ , Shirin Alexander ² , Azmi Mohamed ³ , Nina Kovalchuk ⁴ , Mark Simmons ⁴ , Julian Eastoe ⁵ , Masanobu Sagisaka ¹	J-P-29 Ag-Au alloy nanowires with a netlike pattern synthesized in water and the SERS properties (Tokyo University of Science) ○Ryota Kichijo, Ke-Hsuan Wang, Takeshi Kawai
E-P-7 Nonionic amphiphiles having CO ₂ -philic trimethylsilyl and CO ₂ -phobic hydrocarbon groups for rod-like aggregates thickening supercritical CO ₂ (¹ Hirosaki University, ² Swansea University, ³ University of Bristol) ○Kosuke Sato ¹ , Atushi Yoshizawa ¹ , Shirin Alexander ² , Julian Eastoe ³ , Masanobu Sagisaka ¹	J-P-30 Development of facile synthetic method of nanocomposites composed of gold and inorganic compounds (Kindai University) ○Tetsuro Soejima, Reki Takahashi, Kai Yoneda, Hiromu Ueda, Musashi Fujishima, Hiroaki Tada
E-P-8 Changes in interfacial properties and emulsion stabilizing ability of nonionic surfactant having an azobenzene group by UV-light irradiation (¹ Hirosaki University, ² University of Bristol) ○Haruka Saito ¹ , Atushi Yoshizawa ¹ , Julian Eastoe ² , Masanobu Sagisaka ¹	J-P-31 Expression of structural color of fine spherical vaterite by transmitted light (Nihon University) ○Sayuri Kawashima, Rei Nakayama, Tetsuo Umegaki, Yoshiyuki Kojima
E-P-9 Accumulation of protoporphyrin IX solubilized by pluronic surfactants in bacterial cells (Toin university of Yokohama) ○Haruna Yamada, Yoshikazu Tokuoka, Yuya Hasunuma	J-P-32 The effect of milling and composition on the coloration of heat-treated lead-free alkali borosilicate glass frit for ceramic (¹ Kogakuin University, ² Okayama University) ○Yuto Okawara ¹ , Yuuka Kokubo ¹ , Koji Kawada ¹ , Ryuichi Maekawa ¹ , Yuta Nishina ² , Toshinori Okura ¹ , Hideki Hashimoto ¹
E-P-10 Recovery of Organic Dyes by Molecular Inclusion in Surfactant Gels Controlled Alkyl Chain Length (Ochanomizu University) ○Mio Konaka, Clara Imura	J-P-33 Evaluation of UV protection ability by analysis of cosmetic film (Nikko Chemicals R&D Center) ○Shohei Nakamura
E-P-11 Preparation and catalytic performance of supported gold nanocubes having various size (¹ Tokyo University of Science, ² Ochanomizu University) ○Ryota Yamamoto ¹ , Clara Imura ¹ , Kehsuan Wang ¹ , Takeshi Kawai ¹ , Yoshiro Imura ¹	J-P-34 Synthesis of Bicontinuous Silica with Tunable Porous Structure and Particle Size and Their Potential Applications for Cosmetics (DIC Corporation) ○Jianjun Yuan, Takanori Watanabe, Indra Kusuma, Naoto Yagi
E-P-12 Preparation of a hexagonal plate-like ZnO particles aggregate with a hollow structure (Chiba Institute of Technology) ○Akari Oohara, Kazuaki Hashimoto, Hirobumi Shibata	J-P-35 Investigation of effective stabilizers for various natural pigments adsorbed on inorganic materials (¹ Shizuoka University, ² Tokyo University of Technology) ○Rei Shiozawa ¹ , Yoshiumi Kohno ¹ , Masashi Sibata ² , Ryo Watanabe ¹ , Choji Fikuhara ¹
E-P-13 Fabrication and solid acid catalytic properties of crystalline mesoporous zirconia (Chiba Institute of Technology) ○Zhen Gao, Kazuaki Hashimoto, Hirobumi Shibata	J-P-36 Synthesis of inorganic-organic composites of calcium silicate hydrate by incorporating yellow natural dye and heat resistance of dye (Nihon University) ○Kai Mizuta, Naoki Fujita, Rei Nakayama, Tetsuo Umegaki, Yoshiyuki Kojima
E-P-14 Decomposition of 2-naphthol in water and antibacterial & antiviral activities by LaMnO ₃ and LaCoO ₃ in the dark (¹ Tokyo Institute of Technology, ² Kanagawa Institute of Industrial Science and Technology) ○Ryuju Kiribayashi ¹ , Akira Nakajima ¹ , Hitoshi Ishiguro ² , Kayano Sunada ² , Takeshi Nagai ²	J-P-37 Synthesis of red colored calcium carbonate by incorporating artificial dye (Nihon University) ○Rei Nakayama, Tetsuo Umegaki, Yoshiyuki Kojima
E-P-15 Preparation of rare earth iodates and their antibacterial and antiviral activities (¹ Tokyo Institute of Technology, ² Kanagawa Institute of Industrial Science and Technology) ○Kazuya Abe ¹ , Kayano Sunada ² , Takeshi Nagai ² , Hitoshi Ishiguro ² , Akira Nakajima ¹	J-P-38 Intermediate Open-Shell Character of Near-Infrared Absorbing Croconaine Dyes Consisting of Alkoxy-Substituted Flavylum Skeletons (¹ Osaka Prefecture University, ² Osaka Metropolitan University) ○Tomoaki Ohno ¹ , Takeshi Maeda ² , Daisuke Sakamaki ² , Hideki Fujiwara ² , Shigeyuki Yagi ²
E-P-16 Enhancement of the adsorbed amount of ferulic acid on mesoporous silica for use as an ultraviolet radiation absorber in cosmetics (Tokyo University of Technology) ○Sara Saijo, Masashi Shibata	J-P-39 Photoresponse Behavior of Benzophenoxazine Derivatives doped in LCs (Saitama Institute of Technology) ○Motoi Kinoshita, Kohei Ishida, Tomoya Kitazawa, Motoyuki Furukawa
E-P-17 Solvent composition changes in plant-derived photochromic solutions with time and their influence on photochromic performance (¹ Tokyo University of Technology, ² Shizuoka University) ○Miki Akatsuka ¹ , Yoshiumi Kohno ² , Masashi Shibata ¹	J-P-40 Dye-sensitized solar cells using D-A dyes with diancar groups (Gifu University) ○Hiroharu Yamamoto, Kazuhiro Manseki, Yasuhiro Kubota, Toshiyasu Inuzuka, Takashi Sugiura, Kazumasa Funabiki
E-P-18 Effect of Hydrogen peroxide on the production of rare sugars using a titanium oxide photocatalyst (Tokyo University of Science) ○Yuuka Tanikawa, Yoshihiro Kanai, Masaaki Akamatsu, Kenichi Sakai, Hideki Sakai	J-P-41 Unique optical properties of heptamethine norcyanine dyes with various anions (Gifu University) ○Arina Watanabe, Yasuhiro Kubota, Toshiyasu Inuzuka, Kazumasa Funabiki
E-P-19 Photoluminescence Properties of Symmetrical Dithienosilole Dimers Bearing Pyridyl Functional Groups (Osaka Metropolitan University) ○Ryoya Teshima, Naoya Suzuki, Takeshi Maeda, Shigeyuki Yagi	J-P-42 Energy transfer to rare earth ions for LaMO ₄ Re(M=Nb, Ta, P)(Re=Tb, Dy, Eu) nanophosphors (Kindai University) ○Yuki Kuwazome, Kengo Oka, Mitsunobu Iwasaki
E-P-20 Development of Near-Infrared Phosphorescent Organoiridium(III) Complexes Bearing 2-Arylquinoxaline Cyclometalated Ligands (¹ Osaka Metropolitan University, ² Mitsubishi Chemical Corporation) ○Ryuta Shikura ¹ , Naoya Suzuki ¹ , Takeshi Maeda ¹ , Shigeyuki Yagi ¹ , Seiji Akiyama ²	
E-P-21 Creation of full-color magnetic circularly polarized organic light-emitting diodes (MCP-OLED) composed of iridium complexes (¹ Kindai University, ² Osaka Metropolitan University, ³ Osaka Prefecture University) ○Maho Kitahara ¹ , Ryuta Shikura ² , Mao Kamimoto ³ , Shigeyuki Yagi ² , Yoshitane Imai ¹	
E-P-22 Modulation of luminescence in perylene-3,4,9,10-tetracarboxylic diimide thin-films by a vortex at the air-water interface (¹ Tokyo University of Science, ² National Institute for Materials Science) ○Masaki Ishii ¹ , Kazuki Fuke ¹ , Satoshi Yamanouchi ¹ , Masaaki Akamatsu ¹ , Kenichi Sakai ¹ , Hideki Sakai ¹ , Katsuhiko Ariga ²	
E-P-23 Mechanic control of anion binding by naphthalenediimide monolayers at the air-water interface (¹ Tokyo University of Science, ² The University of Tokyo) ○Yuto Nakai ¹ , Masaki Ishii ¹ , Kohei Tanaka ¹ , Masaaki Akamatsu ¹ , Kenichi Sakai ¹ , Hideki Sakai ¹ , Katsuhiko Ariga ²	