

90th JSCM Anniversary Conference Symposium Schedule (I)

Tuesday, 17 October 2017

(○ : Speaker)

Time	Room A (2F 202)
9:30 - 10:00	Opening Ceremony President JSCM: Kazuaki Hashimoto Coffee Break (10:00 - 10:10) Plenary Lecture Chairperson: Tetsuo Ogawa
10:10 - 10:50	1A01 Challenge of Photonics Polymer for Real-Color and High-Definition Display (Keio University) Yasuhiro Koike Invited Lecture Chairperson: Toshio Sakai
10:55 - 11:25	1A02 Nonionic Amphiphiles in Nanoparticle Dispersions (State University of New York at Buffalo) Paschalis Alexandridis Invited Lecture Chairperson: Toshikatsu Kobayashi
11:30 - 12:00	1A03 VOC Emission Control of Painting and Ink Manufacturing Industries in Shanghai (Shanghai Academy of Environmental Sciences ¹ , Shanghai Environmental Protection Bureau ²) Yawen Li ¹ , ○Song Hu ² , Shiwen Ding ¹ Lunch (12:00 - 13:00) Invited Lecture Chairperson: Kanjiro Torigoe
13:00 - 13:30	1A04 Plasmonic Metal Nanoparticles for Material Coloration (Université de Paris-Sud) Hynd Remita Organized Session: Nanotechnology Keynote Lecture
13:45	1A05 Localized Surface Plasmon Sensitivity towards the Local Dielectric Environment (Assam University) Sujit Kumar Ghosh Keynote Lecture Chairperson: Hideki Sakai
14:00	1A06 Control of Molecular Machines at Interfaces (International Center for Materials Nanoarchitectonics, National Institute for Materials Science) Waka Nakanishi Chairperson: Mitsunobu Iwasaki
14:15	1A07 Trilayered SiO ₂ /Au/TiO ₂ Nanocomposites with Thin Amorphous TiO ₂ Shell Showing Photocatalytic Activity under Visible and Near-Infrared Light (Tokyo University of Science) Kazuya Tobishima, ○Kanjiro Torigoe, Takeshi Endo, Toshinari Ichihashi, Hideki Sakai
	Short Break (14:30 - 14:35) General Session Keynote Lecture Chairperson: Koichiro Murata
14:35	1A08 The Research Progress of Polymers Based on DAC and DMC Monomers (Nanjing University of Science and Technology) Yuejun Zhang
14:50	1A09 Thermal Stability of Copolymer of Methacryloyloxyethyl Trimethyl Ammonium Chloride-Acrylamide (Nanjing University of Science and Technology) ○Xingqin Fu, Qiuchen Yang, Jiawen Wu, Yingjie Ma, Yuejun Zhang
15:05	1A10 Study on the Solution Property of the Serial Copolymer P(DAC-AM) (Nanjing University of Science and Technology) ○Tingting Chen, Yuejun Zhang Coffee Break (15:20 - 15:35) Keynote Lecture Chairperson: Toshikatsu Kobayashi
15:35	1A11 Chemical Surface Treatment of Aluminium Pigment (Toyal Europe S.A.S.U ¹ , Toyo Aluminium K.K. ²) ○François Lavaud ¹ , Takayuki Nakao ²
15:50	1A12 Fluorescent Properties of Activator Doped Ag-YAG:Ce ³⁺ Nanophosphors (Kinki University) ○Yoshua Adi Ekartirta, Eri Ichigi, Mitsunobu Iwasaki
16:05	1A13 Novel Technique for Color and Appearance Measurement and Analysis (Nippon Paint Automotive Coatings Co.Ltd.) ○Kumar Prakash, Ayako Iwakoshi Chairperson: Ayako Iwakoshi
16:20	1A14 Release Control of Organic Dyes from Polymethylsilsequioxane-Silica Composites Prepared by Sol-Gel Method (Nippon Sheet Glass Co. Ltd.) ○Koichiro Nakamura, Kazuhiro Doshita
16:35	1A15 Development of Organic Fluorescent Sensors for a Trace Amounts of Water (Hiroshima University) Yousuke Ooyama Short Break (16:50 - 16:55) Keynote Lecture Chairperson: Avinash Bhadani
16:55	1A16 Development and Application of Transparent Chitosan Aerogels (National Institute of Advanced Industrial Science and Technology) Satoru Takeshita
17:10	1A17 Rod-like Reversed Micelle Formation and Thickening Ability of Fluorinated Di-chain Surfactants in Supercritical CO ₂ (Hirosaki University ¹ , Universiti Pendidikan Sultan Idris ² , University of Bristol ³) ○Masanobu Sagisaka ¹ , Yuuki Sato ¹ , Atsushi Yoshizawa ¹ , Azumi Mohamed ² , Julian Eastoe ³
17:25	End of Presentations
	Room D (2F 201)
18:00	Banquet, Announcement of CSI Medallion Awardee

90th JSCM Anniversary Conference Symposium Schedule (II)

Tuesday, 17 October 2017

(○ : Speaker)

Time	Room B (3F 320)
	Organized Session: Sustainable Technology Chairperson: Hidetoshi Yamabe
	Keynote Lecture
13:45	1B05 Overspray-Free Painting Technology – From the Lab to the Painting Object (Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Stuttgart) Thomas Hess
14:00	1B06 Organogel-in-Water Emulsions as Thermal-Energy Storage and Heat Transfer Fluids (Shinshu University) Toshio Sakai
14:15	1B07 Comparative Study of the Dynamic Hydrophobicity of Fluoroalkylsilane Coatings Tilted at Acute and Obtuse Angles (Tokyo Institute of Technology ¹ , Meiji University ²) ○Yuta Higashino ¹ , Hirokazu Takahashi ¹ , Munetoshi Sakai ² , Toshihiro Isobe ¹ , Sachiko Matsushita ¹ , Akira Nakajima ¹
	Short Break (14:30 - 14:35) Chairperson: Toshio Sakai
14:35	1B08 Processing and Photocatalytic Activity of (Mo W)O ₃ Based Materials (Tokyo Institute of Technology) ○Mai Mizutani, Toshihiro Isobe, Sachiko Matsushita, Akira Nakajima
14:50	1B09 Preparation and Photocatalytic Activity of Mo-doped Ti-Hap (Tokyo Institute of Technology) ○Noppakhate Jiraborvornpongsa, Toshihiro Isobe, Sachiko Matsushita, Masato Wakamura, Akira Nakajima
	Coffee Break (15:05 - 15:20) Chairperson: Akira Nakajima
15:20	1B10 Corrosion Performance of Carbon Steel with the Reactive Paint Coating under Wet/Dry Cyclic Corrosion Test (NAGASE & CO. LTD ¹ , Kyoto Materials & Co. Ltd. ²) ○Toru Teraya ¹ , Masamitsu Takahashi ¹ , Toyokazu Nomura ¹ , Kosu Hanaki ² , Masato Yamashita ²
15:35	1B11 Impact of Chemical Bath Deposition with TiCl ₄ on Electron Transport Layer for Perovskite Solar Cells (National Institute of Advanced Industrial Science and Technology) ○Takuro N. Murakami, Tetsuhiko Miyadera, Takashi Funaki
	General Session Chairperson: Yoshinori Kushi
	Keynote Lecture
15:50	1B12 Photocatalytic CO ₂ Reduction over Tungsten Bronze Materials Using H ₂ O as an Electron Donor (Tokyo University of Science) ○Rekha G. Shrestha, Akihide Iwase, Akihiko Kudo
16:05	1B13 Photochromic Properties of 3-Deoxyanthocyanidin Pigments Extracted and Purified from Sorghum Grains (Tokyo University of Technology ¹ , Shizuoka University ²) ○Mai Mihara ¹ , Kumiko Tasaki ¹ , Yoshiumi Kohno ² , Masashi Shibata ¹
	Short Break (16:20 - 16:25) Chairperson: Masashi Shibata
	Keynote Lecture
16:25	1B14 Self-Aggregation Properties and Phase Behavior of Ester Functionalized Surfactants (Tokyo University of Science) ○Avinash Bhadani, Kenichi Sakai, Hideki Sakai
	Keynote Lecture
16:40	1B15 Enhancement of Anion- π Catalysis with Electric Field Application (Tokyo University of Science ¹ , University of Geneva ²) ○Masaaki Akamatsu ¹ , Naomi Sakai ² , Stefan Matile ²
16:55	1B16 Development of Dendritic Blue Phosphorescent Organoiridium (III) Complexes Towards Fabrication of Highly Efficient Solution-Processed OLEDs (Osaka Prefecture University) ○Shigeyuki Yagi, Naoki Okamura, Takeshi Maeda
17:10	End of presentations
	Room D (2F 201)
18:00	Banquet, Announcement of CSI Medallion Awardee

90th JSCM Anniversary Conference Symposium Schedule (III)

Wednesday, 18 October 2017

(○ : Speaker)

Time	Room A (2F 202)
	Oral Presentations (Japanese) Chairperson: Masaaki Akamatsu
9:00	2A01 Preparation of Well-Dispersed Iron Oxide Powders for Lead-Free Red Overglaze Enamels (Kogakuin University ¹ , Kyoto Municipal Institute of Industrial Technology and Culture ²) ○Hideki Hashimoto ¹ , Kazuki Higuchi ¹ , Hirofumi Inada ² , Yuki Okazaki ² , Taigo Takaishi ² , Hidetaka Asoh ¹
9:15	2A02 Novel Environment-Friendly Inorganic Orange Pigments Based on Bi ₄ V ₂ O ₁₁ (Osaka University) ○Yuji Hironaka, Shinji Tamura, Nobuhito Imanaka
9:30	2A03 Environmentally Friendly Inorganic Pigments Based on Strontium Yttrium Oxides (Tottori University) ○Ryohei Oka, Fumiya Aoyama, Takashi Tsukimori, Toshiyuki Masui Chairperson: Nobuhito Imanaka
10:00	2A04 Synthesis and Characterization of Novel Blue Violet Inorganic Pigment Based on BaZn ₂ Si ₂ O ₇ (Tottori University) ○Takashi Tsukimori, Ryohei Oka, Toshiyuki Masui
10:15	2A05 Preparation of Titania Hollow Particles Utilizing Water-Soluble Titanium Complex and Vesicle (Tokyo University of Science) ○Osamu Izumi, Takahito Oki, Takeshi Endo, Kenichi Sakai, Hideki Sakai
10:30	2A06 Research on Perovskite Solar Cell for High-Efficiency Perovskite/Silicon Tandem Solar Cell (University of Hyogo) ○Hiroyuki Kanda, Naoyuki Shibayama, Seigo Ito
10:45	2A07 Consideration about the Influence of the Paint Convection to Give to Metallic Paint (Dai Nippon Toryo Co., Ltd.) ○Shoko Tanabe
Time	Room C (2F 203)
11:00 - 12:30	Poster Presentation (English/ Japanese) Lunch (12:30 - 13:30)
Time	Room A (2F 202)
13:30	JSCM Award Ceremony Chairperson Secretary General: Takao Matoba
14:00	JSCM Paper Award Award Lecture Synthesis and Optical Properties of Fluorine-Containing Phthalocyanine Conjugated with Glucofuranose and its Application to Photo-Dynamic Therapy (Department of Nanopharmaceutical Sciences, Nagoya Institute of Technology ¹ , Department of Bioorganic Chemistry, School of Pharmacy, Aichi Gakuin University ²) ○Satoru Mori ¹ , Etsuko Tokunaga ¹ , Masamichi Hayashi ¹ , Tohru Obata ² , Motohiro Tanaka ² , Norio Shibata ¹ Chairperson: Shuji Sano
14:20	JSCM Technical Award Award Lecture Development of New Waterborne Basecoat with Computer Color Matching System for Automotive Refinish (Kansai Paint Co., Ltd.) ○Tomoaki Higashiya, Masanori Hirano
	Oral Presentations (Japanese) Chairperson: Toshiyuki Masui
14:45	2A08 Photocatalytic Synthesis of CdS(core)-CdSe(shell) Quantum Dots with Heteroepitaxial Junction on TiO ₂ : Photoelectrochemical Hydrogen Generation from Water (Kindai University) ○Kaoru Kitazono, Ryo Akashi, Keigo Fujiwara, Atsunobu Akita, Shin-ichi Naya, Musashi Fujishima, Hiroaki Tada
15:00	2A09 Preparation of Core-Shell type Au@CdS Nanocrystal-Deposited TiO ₂ Photoanode and Its Photoelectrochemical Properties under Simulated Solar Irradiation (Kindai University) ○Takuya Ikeda, Ryo Akashi, Musashi Fujishima, Hiroaki Tada
15:15	2A10 Electrochemical Property of Copper Sulfide Electrode under Near-Infrared Irradiation (Kindai University) ○Yasunari Nakabayashi, Shin-ichi Naya, Musashi Fujishima, Hiroaki Tada
15:30	Coffee Break (15:30 - 15:45)
15:45	2A11 Fabrication of Straight Gold nanowires Using a Tubular Molecular Assembly as a Soft-Template (Tokyo University of Science) ○Hayato Seki, Makoto Nakagawa, Yoshiro Imura, Ke-Hsuan Wang, Takeshi Kawai
16:00	2A12 Fabrication of Gold Micro- and Nanostructure and Its Effect on SERS Activity (Tokyo University of Science) ○Yuki Nakano, Yoshiro Imura, Ke-Hsuan Wang, Takeshi Kawai
16:15	2A13 Preparation of Au Nanorod Array / TiO ₂ Composites and Their Application to Photocatalyst (Tokyo University of Science) ○Sayaka Aomoto, Kanjiro Torigoe, Takeshi Endo, Kenichi Sakai, Hideki Sakai
16:30	2A14 Preparation of Partially Surface-Modified Silica Particles and Their Characterization (Tokyo University of Science) ○Yuta Yoshikawa, Manabu Ono, Takeshi Endo, Masaaki Akamatsu, Kenichi Sakai, Hideki Sakai
16:45	Coffee Break (16:45 - 17:00)
17:00	2A15 High-Concentration Water Dispersions of TiO ₂ Nanoparticles Prepared by Plasma on Liquid Surface and Surface Analysis of Their Particles (Nippon Menard Cosmetics Co. Ltd. ¹ , Plasma Center for Industrial Applications ² , Nagoya Municipal Industrial Research Institute ³) ○Toshihiko Okadera ¹ , Hiroyuki Asano ¹ , Michirou Kitahara ¹ , Michiko Ito ² , Seigo Takashima ² , Nobuyuki Shibata ³ , Koichi Yamaguchi ³
17:15	2A16 White Luminescence of Lanthanum Niobate Nanocrystals Doped with Rare Earth Ions (Kindai University Graduate School) ○Haruka Araki, Toshiyuki Ohba, Eri Ichigi, Mitsunobu Iwasaki
17:30	2A17 Fluorescent Properties of Niobate Solid Solution Nanocrystals Doped with Eu ³⁺ Ions (Kindai University Graduate School) ○Toshiyuki Ohba, Eri Ichigi, Mitsunobu Iwasaki
17:45	2A18 Improved Stability of Carotenoid Dyes by Intercalation in Organoclay (Shizuoka University ¹ , Tokyo University of Technology ²) ○Taiga Taguchi ¹ , Yoshiumi Kohno ¹ , Masashi Shibata ² , Yasuhisa Maeda ¹

90th JSCM Anniversary Conference Symposium Schedule (IV)

Wednesday, 18th October 2017

(○ : Speaker)

Time	Room B (3F 320)
	Oral Presentations (Japanese) Chairperson: Mitsunobu Iwasaki
9:00	2B01 Establishment of "In-situ" Paint Surface Quality Evaluation Technology (Mazda Motor Corporation) ○Masaya Minato, Masaaki Akamine, Hiroshi Kubota
9:15	2B02 Trend Survey of the Living Space Color Design in the Apartment Showroom (Nippon Paint Industrial Coatings Co. Ltd.) ○Yoshie Nakatsuka
9:30	2B03 Study on Mineral Spirit Solvent Borne Top Coatings with Anticorrosive Function (Kansai Paint Co. Ltd.) ○Yoshinori Tochino, Hiroyasu Matsuki, Ryo Takano
9:45	2B04 Design of 1K Curing System for Environmental Regulation (Kansai Paint Co.Ltd.) ○Takeya Hasegawa, Jyunichi Higashi, Hideaki Katsuta, Genji Imai
	Coffee Break (10:00 - 10:15)
	Chairperson: Yoshinori Kushi
10:15	2B05 Issues of the Paint Industry as a Growth Industry from a Global Perspective ~Development of Highly Functional Antibacterial Coating Film by Industry-Academia Collaboration~ (Institute of Paint and Coatings Technology) ○Nobushige Numa
10:30	2B06 Corrosion Behavior of Painted Hot-Dip Zn Alloy Coated Steel Sheets under Paint Film (Aichi Center for Industry and Science Technology) ○Hiroaki Kobayashi, Koichi Morita, Yoshiya Yamashita, Yasuhiro Kataoka
10:45	2B07 Flocking Finish for Three-Dimensional Objects using Fiber Coating System (Tokyo Metropolitan Industrial Technology Research Institute) ○Takashi Hasegawa, Tsuyoshi Ui
Time	Room C (2F 203)
11:00 - 12:30	Poster Presentation (English/ Japanese) Lunch (12:30 - 13:30)
Time	Room A (2F 202)
13:30	JSCM Award Ceremony
Time	Room B (3F 320)
	Oral Presentations (Japanese) Chairperson: Nobushige Numa
14:45	2B08 Study of an Accelerated Weathering Test Method Based on the Factors of Outdoor Weathering Test (Kansai Paint Co., Ltd) ○Junichi Tanaka
15:00	2B09 Results of Marine Atmospheric Environment Exposure Test for over 30 Years in the Suruga Bay ~ Deteriorated Surface Morphology ~ (Kansai Paint Co., Ltd ¹ , Publi Works Research Institute ² , Nippon Paint Co., Ltd ³ , Dai Nippon Toryo Co., Ltd ⁴) ○Makoto Sano ¹ , Tomonori Tomiyama ² , Atsushi Miyata ³ , Kiyoto Masuda ⁴
15:15	2B10 Development of Water-Based Heavy Duty Coating System (Kansai Paint Co. Ltd) ○Hideto Urushima, Makoto Mitani, Ikuro Tsuchioka, Hideki Matsuda
	Coffee Break (15:30 - 15:45)
	Chairperson: Kazumasa Funabiki
15:45	2B11 Preparation and Property of Fluoroalkyl End-Capped Vinyltrimethoxysilane Oligomer/Boric Acid/Poly (vinyl alcohol) Composite Films (Graduate School of Science and Technology Hirosaki University) ○Yuta Aomi, Hideo Sawada
16:00	2B12 Preparation of Fluoroalkyl End-Capped Vinyltrimethoxysilane Oligomer/Triazine Derivative Nanocomposites Possessing Superoleophilic/Superhydrophobic Characteristics (Graduate School of Science and Technology, Hirosaki University) ○Katsumi Yamashita, Yuri Oikawa, Akemi Yasukawa, Hideo Sawada
16:15	2B13 Modification of PET Fabric Swatch Treated with Fluoroalkyl End-Capped Vinyltrimethoxysilane Oligomer/Cellulose Nanofiber Composites and Its Application (Graduate School of Science and Technology, Hirosaki University) ○Yui Endo, Yuri Oikawa, Hideo Sawada
16:30	2B14 Synthesis of Starburst-type Aromatic Phosphine Oxide Trimers and Their Application to Solution-Processed Organic Light-Emitting Diode (Osaka Prefecture University) ○Ryosuke Hiraoka, Naoki Okamura, Takeshi Maeda, Shigeyuki Yagi
	Coffee Break (16:45 - 17:00)
	Chairperson: Kanjiro Torigoe
17:00	2B15 Optical Properties of Squarylium Dyes and Their Boron Complexes (Gifu University) ○Yasuhiro Kubota, Motoki Tachikawa, Toshiyasu Inuzuka, Kazumasa Funabiki, Masaki Matsui
17:15	2B16 Preparation of Chiral Binaphthyl-Lanthanoid Hybridized Luminophores Having Circularly Polarized Luminescence (CPL) (Kindai University ¹ , ORIST ² , NAIST ³) ○Nobuyuki Hara ¹ , Kenya Takamura ¹ , Mamoru Okazaki ¹ , Motohiro Shizuma ² , Michiya Fujiki ³ , Yoshitane Imai ¹
17:30	2B17 Control of Self-Propelled Motion of Pt-Polystyrene Hybrid Particles Prepared by Ultraviolet Irradiation (Tokyo University of Science) ○Shota Ishimaru, Yoshiro Imura, Ke-Hsan Wang, Takeshi Kawai
17:45	2B18 Reversible Color Controlling of Emulsions Containing Cationic Surfactant Bearing Azobenzene Group by Photoresponse (Tokyo University of Science) ○Yashiro Nayuta, Yoshiro Imura, Ke-Hsuan Wang, Takeshi Kawai

90th JSCM Anniversary Conference Poster Presentation List

Wednesday, 18 October 2017

Room C (2F 203)	
11 : 00 - 12 : 30 Poster Presentaion	
P-1 Alkylamide Solvent as Wetting Aid for Water Borne Coatings Application (Solvay Nicca Ltd. ¹ , Solvay Specialty Chemicals Asia Pacific Pte. Ltd. ²) ○Tomoaki Tsurumi ¹ , Frank Xu ²	Inoue ¹ , Tatsuhiko Yamaguchi ¹ , Hirobumi Shibata ^{1,2} , Taku Ogura ³ , Kazuaki Hashimoto ¹
P-2 Study on Flocculation and Decolorization Efficiencies of P (DMC-AM) on Simulated Dye Wastewater (School of Chemical Engineering, Nanjing University of Science & Technology) ○Li Yuan, Xiao-lei Zhao, Yue-jun Zhang	P-18 Preparation of a Vivid Al-substituted Hematite Powder by Controlling Particle Dispersibility (Kyoto Municipal Institute of Industrial Technology and Culture ¹ , Okayama University ² , JST CREST ³ , Kogakuin University ⁴) ○Hirofumi Inada ¹ , Yuki Okazaki ¹ , Yuya Arakawa ¹ , Taigo Takaishi ¹ , Tatsuo Fujii ² , Jun Takada ^{2,3} , Hidetaka Asoh ⁴
P-3 Study on Photo Curing of Myanmar Lacquer Sap (Meiji University Graduate School ¹ , Meiji University ²) ○Aoi Kimura ¹ , Takayuki Honda ²	P-19 Synthesis of ITO Hollow Particles with Carbon Spheres as Templates (Tokyo University of Science ¹ , Nipponkayaku ²) ○Tomoaki Tanaka ¹ , Shoko Ebihara ² , Michiharu Arifuku ² , Takeshi Endo ¹ , Masaaki Akamatsu ¹ , Kenichi Sakai ¹ , Hideki Sakai ¹
P-4 The impact of Ligament Behavior on Atomization at a Rotary Bell Cup Spray Application (Nippon Paint Automotive Coatings Co. Ltd.) ○Kiyotaka Ishihara, Matsushima Mika, Senda Akiko	P-20 Photo-induced Control of Lyotropic Liquid Crystals with Derivatives of Cinnamic Acid (Tokyo University of Science) ○Hirotooshi Sunada, Koji Tsuchiya, Kenji Hattori, Masaaki Akamatsu, Kenichi Sakai, Hideki Sakai
P-5 The Role of Functional Monomers in Latex Performance (Cytec Korea inc. (Member of Solvay group) ¹ , Solvay Specialty Chemicals Asia Pacific Pte. Ltd. ² , Solvay Nicca Ltd. ³) DongChul Lee ¹ , Frank Xu ² , ○Tomoaki Tsurumi ³	P-21 Formation and Applications of Water Cluster in Supercritical CO ₂ with Headgroup-free Fluorocarbon-Hydrocarbon Compounds (Graduate school of science and technology Hirosaki University ¹ , University of Bristol ²) ○Tatsuya Saito ¹ , Shunsuke Ogiwara ¹ , Atsushi Yoshizawa ¹ , Eastoe Julian ² , Masanobu Sagisaka ¹
P-6 Synthesis of Polymer Particles Containing Reduced Graphene Oxide Stabilized by Poly (ionic liquid) (Grad. Sch. of Eng. Kobe Univ. ¹ , The Univ. of Tasmania ² , The Univ. of New South Wales ³) ○Mitsuyoshi Yamane ¹ , Masayoshi Tokuda ¹ , Stuart C. Thickett ² , Per B. Zetterlund ³ , Hideto Minami ¹	P-22 Interfacial Properties and Aggregation Behavior of Nonion-type CO ₂ -philic Surfactants in Water/supercritical CO ₂ Mixtures (Hirosaki University ¹ , University of Bristol ²) ○Koki Takahashi ¹ , Atsushi Yoshizawa ¹ , Eastoe Julian ² , Masanobu Sagisaka ¹
P-7 Study on Mechanical Properties and Polymerization Mechanism of Thermosetting Urushi Films (Meiji University) ○Ryuga Kikuchi, Takayuki Honda	P-23 Unique Liquid Crystal Behavior of Asymmetric Di-chain Surfactants Having a Thermotropic Liquid Crystal Mesogen in Water (Graduate School of Science and Technology Hirosaki University) ○Tsuyoshi Narumi, Yayoi Fujita, Hitomi Oshiyama, Atsushi Yoshizawa, Masanobu Sagisaka
P-8 2-Naphthol Decomposition in Water Using TiO ₂ Supported by Various Metal Oxide (Tokyo Institute of Technology) ○Daichi Tanaka, Toshihiro Isobe, Sachiko Matsushita, Akira Nakajima	P-24 Surface Tension Reducing and Hydrophobing Abilities of Hedgehog Hydrocarbon Surfactants (Hirosaki University ¹ , University of Bristol ² , University of Nice Sophia Antipolis ³) ○Kazuki Fujita ¹ , Tsuyoshi Narumi ¹ , Atsushi Yoshizawa ¹ , Eastoe Julian ² , Guittard Frederic ³ , Masanobu Sagisaka ¹
P-9 Shape-control of Micro-sized Gold Tabular Crystals Using a Molecular Layer of Amine Derivatives (Chuo University ¹ , Ochanomizu University ²) ○Saeko Mita ¹ , Hitoshi Shindo ¹ , Clara Imura ²	P-25 Synthesis and Photoluminescence Properties of Novel Phosphorescent Organoiridium (III) Complexes Bearing Diphenylthiophosphinyl Groups (Osaka Prefecture University ¹ , Ehime University ²) ○Ryota Kono ¹ , Naoki Okamura ¹ , Takeshi Maeda ¹ , Shigeyuki Yagi ¹ , Minoru Hayashi ²
P-10 Crystal Growth of Gold Nanoparticles on Titanium Oxide Substrate (Tokyo University of Science) ○Jun Taniguchi, Kanjiro Torigoe, Takeshi Endo, Kenichi Sakai, Hideki Sakai	P-26 Optical Property of Squaraine Dyes Bound to PVA through Boronic Acid Residue (Osaka Prefecture University) ○Muteki Ishida, Takeshi Maeda, shigeyuki Yagi
P-11 Preparation of ZnO@ZrO ₂ Core-shell Nanocomposite by Novel Microwave Assisted Sol-Gel Method (Utsunomiya University) ○Md. Obaidullah, Takeshi Furusawa, Masahide Sato, Noboru Suzuki	P-27 Silver-Lustrous Crystals Formed by Benzanilide Derivatives (Tokyo University of Science) ○Juki Migii, Yutaka Takahashi, Yukishige Kondo
P-12 Improvement of Catalytic Activity of Au-Ag Nanoflowers Using Galvanic Replacement Reaction (Tokyo University of Science) Ryota Akiyama, ○Yoshiro Imura, Wang Ke-hsuan, Takeshi Kawai	P-28 Preparation of Chiral Pyrene-gadolinium-alcohol Hybridized Luminophores Having Circularly Polarized Luminescence (CPL) Properties (Kindai University) ○Nobuyuki Hara, Takuya Kitamura, Hidetaka Nakai, Yoshitane Imai
P-13 Preparation and Evaluation of Hydrophobic ZnO Nanorods Arrays (Tokyo Institute of Technology) ○Takahiro Kano, Toshihiro Isobe, Sachiko Matsushita, Akira Nakajima	P-29 Green Circularly Polarized Luminescence (CPL) by Chiral Binaphthyl-pyrene Fluorophores (Kindai University ¹ , NAIST ²) Koji Okuda ¹ , Kotomi Tanimoto ¹ , Yuki Mimura ¹ , Michiya Fujiki ² , ○Imai Yoshitane ¹
P-14 Synthesis of Y ₂ O ₃ :Nd ³⁺ /calcium Phosphate Core/shell-type Particles for Near-infrared Light Emitting Phosphors (Tottori University ¹ , Kumamoto University ²) ○Norifumi Yamamoto ¹ , Shintaro Ida ² , Toshiyuki Masui ¹	P-30 Preparation of Cellulose Particles Containing Silver Nanoparticles (Grad. Sch. of Eng. Kobe Univ.) ○Yuki Fuji, Taro Omura, Kaori Imagawa, Toyoko Suzuki, Hideto Minami
P-15 Fluorescence Properties of Lantanium Niobate Nitrides Doped with Rare Earth Ions (Kindai University Graduate School) ○Daigo Taguchi, Eri Ichigi, Mitsunobu Iwasaki, Fujibayashi Kaho	P-31 Analysis of Pigment Dispersibility in Color Filter Coatings by Ultra-Small-Angle X-ray Scattering (DIC Corporation) ○Yuji Tamura, Junichiro Koike, Mutsuko Tange, Masafumi Uota, Hiroshi Maki, Akira Kasai, Masahiko Asada
P-16 Preparation of Composites of Citrus Flavonoid and Various Porous Silica and Their Performances as UV Absorber for Sunscreen (Tokyo University of Technology) ○Piyarattanawat Wiwanthanee, Masashi Shibata	
P-17 Preparation of Spherical Porous Calcium Phosphate Particles Using Hybrid Organic Templates Method (Chiba Institute of Technology ¹ , Tokyo University of Science Photocatalysis International Research Center ² , LION ³) ○Manato Nakano ¹ , Nodoka Akaishi ¹ , Ryo	