ASAM-3 Program

(Final version 2011.09.07 updated)

Attention! ASAM-3 will be held at Chikushi Campus in Kyushu University, where is different place from Ito campus.

Time Table for Sep. 20 – 22 (2011) @ Kyushu University, Chikushi Campus

Sep.20 (Tue)	Room A	Room B	Room C	Sep.21 (Wed)	Room A	Room B	Room C	Sep.22 (Thu)	Room A	Room B	Room C
09:30	Opening Ceremony (Room A)			09:15	PL03 (Room A)			09:15	PL05 (Room A)		
09:45	PL01 (Room A)			10:00	Beak			10:00	Break		
10:30	Break			10:15	2A01IL	2B01IL	2C01IL	10:15	3A01IL	3B01IL	3C01IL
10:45	1A01IL	1B01IL	1C01IL	10:45	2A02IL	2B02IL	2C02IL	10:45	3A02IL	3B02IL	3C02IL
11:15	1A02	1B02	1C02	11:15	2A03	2B03	2C03	11:15	3A03	2B03	3C03
11:30	1A03	1B03	1C03	11:30	2A04	2B04	2C04	11:30	Break		
11:45	1A04	1B04	1C04	11:45	2A05	2B05	2C05	11:45	PL06 (Room A)		
12:00	1A05	1B05	1C05	12:00	2A06	2B06	2C06	12:30	Closing & Award Ceremony		
12:15	Lunch Break			12:15	Lunch Break			12:45	Lunch Break		
12:35	1P01-57 (Odd Number)			12:35	2P01-57 (Odd Number)			13:30	Tour to Saga Light Source Return to Fukuoka Airport at around 17:45 and Hakata Station at around 18:15.		
13:25	1P01-57 (Even Number)			13:25	2P01-57 (Even Number)						
14:15	Break			14:15	Break						
14:30	1A06IL	1B06	1C06IL	14:30	2A07IL	2B07IL	2C07IL				
14:45		1B07									
15:00	1A07IL	1B08	1C07IL	15:00	2A08IL	2B08IL	2C08				
15:15		1B09									
15:30	1A08	1B10IL	1C08	15:30	2A09	2B09	2C09				
15:45	1A09		1C09	15:45	2A10	2B10	2C10				
16:00	1A10	1B11IL	1C10	16:00	2A11	2B11	2C11				
16:15	1A11		1C11	16:15	2A12	2B12	2C12				
16:30	1A12	1B12	1C12	16:30	2A13	2B13	2C13				
16:45	Coffee Break			16:45	Coffee Break						
17:00	PL02 (Room A)			17:00	PL04 (Room A)						

Plenary Lecture (Blue) (45 min, including 5 min discussion)

Invited Lecture (Red) (30 min, including 5 min discussion)

General Oral Presentation (Black) (15 min, including 3 min discussion)

Registration Desk

Symposium attendee registration desk will open at 17:00 – 19:30 on September 19th (Mon) in the Hotel Centraza Hakata 3F. During the symposium, registration desk will open at 8:30 - 17:00 on September 20th (Tue) - 21st (Wed), and at 8:30-11:00 on 22nd (Thu) in the C-Cube building (Kyushu Univ. Chikushi Campus) 1F Lobby.

Welcome Reception (Sep. 19, 18:00 - 20:00) (FREE OF CHARGE)

The welcome party will be held in the Hotel Centraza Hakata 3F from 18:00 on September 19th (Mon). The Hotel Centraza Hakata is located in front of JR Hakata Station.

See website (http://www.centraza.com/english/index.html).

Banquet (Sep. 21, 19:00 - 21:00)

The official dinner (banquet) will be held in the Hotel Centraza Hakata 3F from 19:00 on September 21st (Wed). Please take a train from JR Ohnojyo Station near the Chikushi Campus, and leave the train at Hakata station.

Tour to Saga Light Source (Sep. 22, 13:30 - 18:00)

Lunch for the tourists will be served at 12:45 – 13:30. We will leave Kyushu University by bus at 13:30 and first visit Saga Light Source, and then visit another local cultural area. We will back to Fukuoka city to arrive at Fukuoka Airport International Terminal at around 17:45, and JR Hakata Station at around 18:15.

Oral Presentation

Presentation time of Plenary and Invited Lectures are 45 min and 30 min, respectively, including 5 min discussion. General oral presentation time is 15 min including 5 min discussion. The organizing committee esteemed and accepted all applications for the oral presentation to prepare 57 slots for general presentations in 3 days. We would like to ask the authors to accept 15-min-presentation and our decision.

Poster Session (Sep. 20 and 21, 12:35 – 14:15)

Poster session will be organized in the C-Cube building, 3F Lobby at 12:35 – 14:15 on September 20th (Tue) and 21st (Wed). Numbered boards will be ready during Tuesday morning. Posters can be mounted from 12:15 (Lunch break) and taken down until 17:00 (Coffee break). The maximum poster size provided for is A0 (1189 mm high × 841 mm wide).

Presentation Award for Young Scientist

Organizing committee reviews oral and poster presentations of young scientists who are under 35-years-old or equal to 35, to give the Award to the excellent presenters. Award ceremony will be held at 12:30 on September 22nd (Thu).

Information

Recommended dress code for the conference is business casual. You may wear neither the jacket nor the necktie.

Oral Presentation

Tuesday 20 September (Morning)

Time	Room A	Room B	Room C
09:30	Opening Ceremony (Room A) Atsushi Takahara & Hideo Nagashima		
09:45	Chair: Atsushi Takahara PL01 (Room A) Chihaya Adachi Nearly Zero-gap Formation Between Singlet and Triplet Excited States and Their Application for Organic Electroluminescence		
10:30	Break		
10:45	Chair: Alfred J. Crosby 1A01IL Du Yeol Ryu Transition Behavior and Microdomain Orientation in Block Copolymer Films	Chair: Chang-Sik Ha 1B01IL Limin Wu Preparation and Properties of Hollow Inorganic Spheres	Chair: Kohji Yoshinaga 1C01IL Soonho Lim Effect of Silica Particles on the Electrical Conductivity of Silver Nanoparticle/epoxy Conductive Adhesives
11:15	1A02 Hirofumi Tsuruta Surface Modification of Rubber by Preferential Segregation of Inorganic Materials	1B02 Hui Wu One-Dimensional Polymer Blend Nanorods with Gradient Composition and Gradient Crystallite Distribution	1C02 Soichiro Kyushin Silyl Groups as Substituents of Novel Amorphous Compounds
11:30	1A03 Yoshiko Harada Study of Adhesion Between Self-assembled Monolayers and Poly(dimethylsiloxane)	1B03 Sung Soo Park Facile Synthesis of Mesoporous Carbon Nitrides Using Incipient Wetness Method and The Application as Hydrogen Adsorbent	1C03 Mi-Ra Kim Preparations and Long-Term Stability Testing of Iodine Free Polymer Electrolytes for Dye-Sensitized Solar Cells
11:45	1A04 Koichiro Hori Microscopic Heterogeneity in Local Viscoelastic Properties of Aqueous Solution of Worm-like Micelles by Optical Tweezers	1B04 Toyoko Imae Fabrication and Functionalization of Confeito-like Au Nanoparticles	1C04 Osamu Sato Control of Magnetic Properties by Light in a Single Chain Magnet
12:00	1A05 Dave Mangindaan Kinetics and Physicochemical Properties of Biofunctional Amine-containing Plasma Polymer Thin Films	1B05 Fan Zhang Fluorescence Upconversion Micro-barcodes for Multiplexed Biological Detection	1C05 Mohamed R. Berber Design of high Performance Polymer Electrolyte Membrane Fuel Cell Based on Multi-Walled Carbon Nanotube-Conductive Polymer Composites
12:15	Lunch & Poster Session at C-Cube 3F Robby 1P01- 1P58 (Odd Numbers 12:35 – 13:25, Even Numbers 13:25 – 14:15)		

Tuesday 20 September (Afternoon)

Time	Room A	Room B	Room C
14:30	Chair: Keiji Tanaka 1A06IL Yoshinobu Tsujii Novel Tribomaterials Newly Designed/ Synthesized by Living Radical Polymerization	Chair: Kazunori Matsuura 1B06 Sergey A. Sarin Bionanocomposite Films Formed by Chitosan With Clay Nanoparticles via Self-Organization	Chair: Nobuo Kimizuka 1C06IL Takashi Kato Development of Self-Organized Inorganic/ Organic Hybrid Materials
14:45		1B07 Jin Nishida Adhesion of Metal Oxide by Gelation of Mussel Adhesive Protein Mimetic Polymer	
15:00	1A07IL Ko Okumura Wetting on Textured Surfaces and Simple Mechanics of Spider Webs	1B08 Akira Kakugo Controlled CW-CCW Motion of the Ring-shaped Microtubules Assembly	1C07IL Eamor M. Woo Stereocomplexed Poly(*L*-lactic acid)/Poly(*D*-lactic acid) as Morphology and Crystallization Modifier for Biodegradable Polymers
15:15		1B09 Arif Md. Rashedul Kabir Formation of the Ring-shaped Assembly of Microtubules at the Air-buffer Interface	
15:30	Chair: Hirotsugu Kikuchi 1A08 Chihiro Urata Dynamic Water/ Oil Repellent Properties of Transparent Multilayered Siloxane- Organic Hybrid Films	Chair: Masatsugu Shimomura 1B10IL Alfred J. Crosby Non-traditional Bio-inspired Adhesion and Synthetic Morphogenesis	Chair: Ken Kojio 1C08 M. Santha Moorthy Periodic Mesoporous Organosilicas with Amphoteric Ligand Functionalized Framework for Drug Delivery
15:45	1A09 Daiki Murakami Dynamics of Cassie Baxter-Wenzel Wetting Transition on Textured Polymer Surfaces		1C09 Minoru Sohmiya Unique Behavior of Poly(vinyl pyrrolidone) Confined in the Two Dimentional Nanospace
16:00	1A10 Toyoaki Hirata Aggregation Structure of Poly(2-methoxyethyl acrylate)/ Poly(methyl methacrylate) Blend Films at the Water Interface	1B11IL Naoe Hosoda Bio-inspired Bonding Technologies	1C10 Saravanan Nagappan Effect of Solvents on the Synthesis and Characterization of Hydrophilic to Hydrophobic Organic-Inorganic Hybrids for Coatings

16:15	1A11 Ayanobu Horinouchi Surface Reorganization in Polymer Film during Contact Angle Measurement		1C11 Md. Jahangir Alam Shape Changes in Gold/Silver Bimetallic Systems including Polygonal Gold Seeds under Oil-Bath Heating at 150 °C
16:30	1A12 Andrey S. Gnedenkov Morphology and Properties of the Surface Heterostructure Investigated by Scanning Electrochemical Techniques	1B12 Jian Ping Gong Lamellar Bilayers as Reversible Sacrificial Bonds to Toughen Hydrogel	1C12 Andrey V. Zdravkov New Approaches to Solvothermal Synthesis of Cobalt Ferrite Nanocrystals
16:45	Coffee Break		
17:00 17:45	Chair: Sung Chul Kim PL02 (Room A) Hung-Jue Sue Dispersion and Assembly of Nano-materials in Organic Media and Their Nano-scaled Phenomena		

Wednesday 21 September (Morning)

Time	Room A	Room B	Room C
09:15	Chair: Yury Shchipunov PL03 (Room A) Sung Chul Kim Multi-component Polymer Membranes for Direct Methanol Fuel Cell		
10:00	Break		
10:15	Chair: Hideyuki Otsuka 2A01IL Rong-Ming Ho Nanoporous and Nanohybrid Materials from Chiral Block Copolymer Templating	Chair: Masashi Kunitake 2B01IL Ildoo Chung Well-defined Stimuli Responsive Polymers	Chair: Kazuo Sakurai 2C01IL Mamoru Sato SAXS to Investigate Protein Flexibility and Intrinsic Disorder in Solution
10:45	2A02IL Mizuo Maeda DNA-based Soft Interface for Biosensing	2B02IL Jae-Suk Lee Nano Fabrication using Block Copolymers: Nanoparticles, Nano-composites, and Nanoporous Materials	2C02IL Moonhor Ree Roles of Functional Groups and Nanostructures in Programmable Digital Nonvolatile Electrical Memory Polymer Systems
11:15	Chair: Mizuo Maeda 2A03 Yoshiko Miura Glycopolymer Substituted Biomaterials via RAFT Living Radical Polymerization	Chair: Du Yeol Ryu 2B03 Ting-Ya Lo Solvent Swelling Induced Self-assembly of Silicon-containing Block Copolymers	Chair: Mamoru Sato 2C03 Kazuo Sakurai Shape-Persistent Micelles Bearing Calix[4]arene Building Block
11:30	2A04 Shinichiro Shimomura An Effect of Polymer Surface Stiffness on Fibroblast Adhesion	2B04 Takeshi Higuchi Three-Dimensional Observation of Microphase Separated Structure in 3D Confinement	2C04 Efstratios Mylonas Structure of the Monodisperse Micelles of an Amphiphilic Calixarene Molecule
11:45	2A05 Won-Ki Lee Surface Analysis and Degradation Behavior of Poly(l-lactide) by End-group Modifications	2B05 Chang-Sik Ha Polysilsesquixane Hollow Nanospheres via Polymer Templating	2C05 Yusuke Sanada Distribution of Br-Bearing Hydrophobic Molecules in the Polymeric Micelle Core Studied with ASAXS
12:00	2A06 Takuya Ohzono Shape-Tunable Microwrinkles	2B06 Hirohmi Watanabe Manipulation of Surface Properties: Attachment of Nanometer-Thick Sticker on Versatile Substrates	2C06 Isamu Akiba Structural Characterization of Polymer Micelles with Anomalous Small-angle X-ray scattering near Bromine *K*-edge
12:15	Lunch & Poster Session at C-Cube 3F Robby 2P01- 2P57 (Odd Numbers 12:35 – 13:25, Even Numbers 13:25 – 14:15)		

Wednesday 21 September (Afternoon)

Time	Room A	Room B	Room C
14:30	Chair: Kaoru Tamada 2A07IL Aleksey Vedyagin Synthesis of Aerogel Nanooxides with Unique Adsorpative and Catalytic Propertie	Chair: Rong Min Ho 2B07IL Motoyasu Kobayashi Reversible Adhesion of Ionic Polymer Brushes Prepared by Controlled Radical Polymerization	Chair: Osamu Sato 2C07IL Osamu Ishitani Artificial Multi-Step Light Harvesting Systems
15:00	2A08IL Naotoshi Nakashima Design of Novel Advanced Materials Based on Soluble Carbon Nanotubes	2B08IL Mark Geoghegan Polyelectrolyte Brushes: Friction, Adhesion, and Lubrication.	2C08IL Hui-Zhong Kou Construction of Polymetallic Complexes as Molecular Magnets
15:30	2A09 Tsuyohiko Fujigaya Collection of Single Cell from Carbon Nanotube-Coated Substrate by Photo-irradiation	Chair: Takuya Ohzono 2B09 Satoru Kidoaki Mechanobio-materials: Design of Micropatterned Elastic Gels to Control Cell Mecchanotaxis and Motility-related Functions	Chair: Masaharu Tsuji 2C09 Koichi Okamoto Plasmonic Nanostructures Toward Efficient LEDs and Solar Cells

15:45	Chair: Naotoshi Nakajima 2A10 Xun Zhu Organic Ferromagnetic Materials Design with High-spin Stability Index by Quantum Chemical Approach	2B10 Miho Yanagisawa Controlling the Orientation and Localization of a Biomacromolecule in a Model Cell System: Experimental Demonstration with DNA and the Potassium Channel KcsA	2C10 Lizhi Jiang Theoretical Design of Polythiophene Derivatives as High Performance Photovoltaic Cell
16:00	2A11 Stephen M. Lyth Nitrogen-doped Graphene Synthesized by Solvothermal Chemistry	2B11 Yuji Hirai Fabrication of Biomimetic Wettability Patterned Silicon Surfaces by Using Self-organized Honeycomb masks	2C11 Dan Wang Performance Improvement in Organic Light-emitting Diodes via Modifying ITO Surface by an Au Layer
16:15	2A12 Kai Liu Development of Elongation Geometry Optimization Method	2B12 Yu Hoshino Plastic Antibodies: Development and Applications	2C12 Takahiro Ueno Improvement of Cycling Durability and Device Yield in the Organic Resistive Memory Composed of Gold Nanoparticles and Hyper Branched Polymer
16:30	2A13 Huaqing Yang Molecular Design for Donor-Nanowire-Acceptor Photoelectric Conversion Materials by Using Elongation Method	2B13 Peng Xie Conductivity Analysis of DNA	2C13 Aleksandar Staykov Electrical Current Rectification in Boron, Nitrogen-doped Nanographenes and Cyclophanes.
16:45	Coffee Break		
17:00 17:45	Chair: Limin Wu PL04 (Room A) Dongyuan Zhao Hydrothermal Synthesis of Ordered Mesoporous Carbon Materials for Applications		

Thursday 22 September (Morning)

Time	Room A	Room B	Room C
09:15	Chair: Jian Ping Gong PL05 (Room A) Bruno Ameduri Fluoromembranes for Fuel Cell: myth or reality?		
10:00	Break		
10:15	Chair: Hiroshi Jinnai 3A01IL Kookheon Char Formation of Multilayer Thin Films and Complexes Based on Molecular Interactions of Polyelectrolytes	Chair: Yoshiko Miura 3B01IL Mijeong Han Self-Healing Effects of Halloysite Nanotubes on Corrosion Protection of Multi-Functional Hybrid Coatings	Chair: Bruno Ameduri 3C01IL Sergey V. Gnedenkov New Scientific Approaches for Formation of Multifunction Nanocomposite PEO-Coatings at the Surface of Various Metals and Alloys
10:45	3A02IL Sujeet Kumar Sinha Chemically-attached Soft Organic Interlayers on Si Substrate for Boundary Lubrication: Linear Polymers and Dendrimer with PFPE Overcoat	3B02IL Yury Shchipunov Mineralization of Biopolymers as a Route for Functional Materials Preparation	3C02IL Ingo Krossing Novel highly fluorinated Ionic Liquids Cat $[M(ORF)_4]$ (M = Al, B): Synthesis, Properties and Basis for the Development of Quantum Chemical Prediction Schemes for Physical Properties
11:15	3A03 Ken Kojio Atomic Force Microscopic Study on the Structure of Cross-linked Polymers	3B03 Kazunori Matsuura Peptide Nanocapsule Self -assembled from Viral β-Annulus Peptide	3C03 Akari Hayashi Development of Mesoporous Carbon Nanoreactors
11:30	Break		
11:45	Chair: Toyoko Imae PL06 (Room A) Masatsugu Shimomura Engineering Biomimetics: Biomimetic Surface Materials Prepared by Self-organization		
12:30	Closing & Award Ceremony (Room A)		
12:45	Lunch for Participants to Saga Light Source Visits		

Thursday 22 September (Afternoon)

13:30 Tour to Saga Light Source by bus. Return to Fukuoka International Airport at around 17:45, and JR Hakata Station at around 18:15.

Poster Session

Tuesday 20 September (Afternoon): 1P01 – 1P58

Obligation time: 12:35-13:25 (Odd Numbers), 13:25-14:15 (Even Numbers)

1P01 Yushi Oishi (Saga University) : Tunable Domain in Phase-separated Monolayer of Hydrocarbon Guanidinium and Fluorocarbon Carboxylic Acid

1P02 Misook Lee (Seoul National University): Morphological Control of Binary Block Copolymer Micelle Complexes by Varying Solution pH

1P03 Shinobu Uemura (Kumamoto University) : Thermoresponsive Dispersion Property of Tri-arm Poly(NIPAAm-*b*-HEAAm) Diblock Copolymers

1P04 Md. Ashraful Alam (Kumamoto University): Thermo-responsive Soft Materials Prepared by Multi-crosslinking with Silica Nanoparticles

1P05 Long Fang (Kyushu University): Molecular Weight Dependence of Viscoelastic Properties for Symmetric Poly(styrene-*block*-2-vinylpridine)

1P06 Song Hong (Kyushu University) : The Morphological Control of Helical Structures in Mixtures of an ABC-triblock Terpolymer and A-homopolymers

1P07 Taiki Hoshino (JST, ERATO): Dynamical Behavior of Polystyrene Grafted Nanoparticles Studieid by X-ray Photon Correlation Spectroscopy

1P08 Keiichi Imato (Kyushu University) : Self-healing Properties of Cross-linked Polymers with Radically Exchangeable Dynamic Covalent Bond Units

1P09 Mamiko Inoue (Kyushu University) : Layer-by-Layer Self-assembly Containing Drug-encapsulating Nano Particles on Polyanion- modified Stainless Steel Substrate

1P10 Tatsuya Ishikawa (Kyushu University) : Characterization of a Cationic Polymer Brush on Silica Nanoparticle Prepared by Surface-initiated ATRP

1P11 Shuhei Kai (Kumamoto University) : Hybrid Polymer Nano Films Prepared by Interfacial Click Reaction

1P12 Shouta Daiki (Kyushu University) : Crystallization of Calcium Carbonate in Thermotropic Liquid Crystalline Phases by Use of New Crown Ether Complex with Calcium Cation

1P13 Miseon Jung (Pusan National University) : Stimuli Responsive Triblock Copolymers Based on Polyrotaxane

1P14 Seung-Hwan Ryu (Pusan National University) : Self Polishing Properties of Antifouling Paint Resins based on Polyurethane Matrices

1P15 Masaharu Tsuji (Kyushu University) : Shape Evolution of Novel Flag-type of Silver Nanostructures in DMF Solution

1P16 Masaharu Tsuji (Kyushu University) : Epitaxial growth of Au@Ni Core-shell Nanocrystals Having a Large Lattice Mismatches of 13.6%

1P17 Kyung Lynne Park (Kyushu University) : Preparation and Characterization of Semi-IPN Hybrid Hydrgels Based on Imogolite Nanofiller and Diamine-modified Hyaluronic Acid

1P18 Hui Jing (Kyushu University) : Preparation and Characterization of Polycarbonate Nanocomposites Based on Surface Modified Halloysite Nanotubes

1P19 Byungjin Jung (Pusan National University) : Well-defined Acrylic 4-Arm Star Polymer by ATRP

1P20 Takahiro Fukumaru (Kyushu University) : Development of Carbon Nanotube/UV-Curable Polymer

Nanocomposites and Evaluation of Their Dispersion State and Thermal Conductivity

1P21 Yuki Furukawa (Hokkaido University) : Lipophilic and Anionic Polymer Network Based on Tetraphenylborates

1P22 Takashi Gondo (Kyushu University) : Structures and Properties of SBA-15 Thin Film with TiO_2 Nanoparticles.

1P23 Jinsam Gong (Yonsei University) : Microdomain Orientation in PS-*b*-PMMA Thin Films on PS Grafted Substrates

1P24 Kuiseung Hwang (Pusan National University) : Durable Polyacrylic Adhesives Based on Their Hybrid Organic/Inorganic Nanocomposites with Silica

1P25 Keisuke Kojima (Nissan Chemical Industries, Ltd.) : The Synthesis of a Hyper Branched Polymer for the Application to the Dispersing Agents of Metal Particles.

1P26 Yasuhiko Hirana (Kyushu University) : Dielectric Environment Effect on the States of π-Electrons of (*n*,*m*) Single-Walled Carbon Nanotubes

1P27 Masayo Sakata (Kumamoto University) : Cross-linked Cyclodextrin Beads for Chromatographic Removal of Endotoxin from DNA Solution

1P28 Heejeong Kim (Pusan National University): Functional E-SBR for Fuel-Efficient Tire Tread Compounds

1P29 Shogo Amemori (Hokkaido University) : Molecular Design of Thermo-Sensitive Polymers by Utilization of Weak Interaction with Small Organic Molecules

1P30 Youngmin Baek (Chungnam National University) : Synthesis and Characterization Vinylbenzyl Chloride-*co*-Styrene-*co*-Hydroxyethyl Acrylate (VBC-*co*-St-*co*-HEA) Anion-exchange Membrane for All-Vanadium Redox Flow Battery

1P31 Rintaro Higuchi (Kumamoto University) : Aromatic Schiff-base Polymer Films Prepared in Aqueous Solution by On-site Polycondensation

1P32 Won-Pill Hwang (Pusan National University) : The Effect of Inorganic Fillers on Electrospun Nanofibers for Dye-sensitized Solar Cells

1P33 Hyun-Ju Bak (Pusan National University) : Polypyrrole - Carbon Black Nanocomposite Electrode For Conducting Polymer Actuator

1P34 Changhwan Ju (Pusan National University) : Surface Modification of Dye-sensitized Solar Cells using Poly[(quaternized *N*-vinyl imidazole)-*co*-poly(*N*-vinyl amine)]

1P35 Jae Chul Jung (Chungnam National University) : Preparation of IPA-*co*-HDO-*co*-(TPA/MA) Copolymer Anion-exchange Membrane Using UV Crosslinking

1P36 Won Ho Jung (Chungnam National University) : Preparation $Li_{1.33}Mn_{1.67}O_4$ Sphere Bead by Calcinations Process and Li^+ Adsorption Properties.

1P37 Shinji Kanegawa (Kyushu University) : Structural Transitions and Magnetic Bi-stabilities on Cobalt(II) Nitrate Complexes with Tridentate N-donors Ligands

1P38 Shota Fujii (The University of Kitakyushu) : Sphere to Cylinder Transition Induced by pH Dependent Conformational Change of Amphiphilic Calix[4]arene

1P39 Chie Iino (The University of Kitakyushu) : Anomalous Small-Angle X-ray Scattering from the Micelles Made of a Br-bearing Lipid

1P40 Moriya Kikuchi (JST, ERATO) : Static and Dynamic Scattering from Silica Nanoparticle Immobilized Polysulfobetaine in Aqueous NaCl Solutions

1P41 Wenjing Li (The University of Kitakyushu) : Supermolecular Complex of Lipopolysaccharide and

Cationic Micelles to Control Cytokine Response

1P42 Jushin Bai (Kyushu University) : Optical Shutter Based on Labyrinthine Pattern Formation of Magnetite Nanoparticles

1P43 Aya Jinnouchi (Kyushu University) : Large Electrooptic Property in Aqueous Dispersions of Non-organic Nanoparticles with High-aspect Ratio

1P44 Kota Kakisaka (Kyushu University) : Chiral Liquid Crystal Phases Induced by Novel Fluorinated Chiral Dopant

1P45 Akihiko Takada (Kyushu University) : Elasticity of Sodium Alginate Interpenetrating Gels

1P46 Yang Liu (Nanyang Technological University) : Coupled Flexural-Torsional Vibration of Delaminated Beams Subjected to Axial Loads and Static End Moments

1P47 Takeshi Kanehara (Kyushu University) : Autonomous Main Chain Exchange Reactions of Dynamic Covalent Polymers at Room Temperature

1P48 Ling Zhi Kang (South China Normal University) : NLO Analysis of Ladder-Structure Polydiacetylenes Derivatives

1P49 Byoungjae Kim (Pusan National University) : Preparation of 4-Arm Star Polymer Containing Copper-Phthalocyanine Core from Phthalonitrile Functionalized Polystyrene via ATRP

1P50 Akihito Yoshida (Kyushu University) : Fabrication and Spectroscopic Properties of Layer-by-Layer Gold Nanosheet on Gold Thin Film

1P51 Takahiro Ashimine (Kyushu University) : Structual Analyses of Lattice Structure of Polymer-stabilized Blue Phase by Confocal Laser Scanning Microscope

1P52 Ryusuke Enomoto (University of Hyogo) : Thermo- and Photo-Responsive Water-Soluble Polymer

1P53 Hao Hu (Kyushu University) : Comparison of Viscoelasticity of a Few Natural Polymers in Ionic Liquid

1P54 Keisuke Imazu (Kyushu University) : Localized Surface Plasmon Resonance Properties of Mixed Monolayers Composed of Silver and Gold Nanoparticles

1P55 Kazuya Iseda (Hokkaido University) : Stimuli-Responsive Gels through Complexation of Halide and Anion Receptors

1P56 Ai Ishii (Kyushu University) : Preparation and Catalysis of Polysiloxane Gels in which Palladium Nanoparticles are Encapsulated

1P57 Mohammad Abdul Kadir (Pusan National University) : Synthesis of α,ω-Di-Nitorilotriacetic Acids-End-Functionalized Polystyrenes by Combination of ATRP and Click Coupling

1P58 Yu-Jeong Lim (Pusan National University) : Networked Polymer-in-salt Electrolyte with Poly(hydroxyethyl methacrylate)

Wednesday 21 September (Afternoon): 2P01 – 2P57

Obligation time: 12:35-13:25 (Odd Numbers), 13:25-14:15 (Even Numbers)

2P01 Yasuhiro Maeda (Tokyo Medical and Dental University) : Immuno-detection by Hydrogel-modified Field Effect Transistor

2P02 Tsuyoshi Morisaki (Kumamoto University) : Core-Shell Hybrid Particles with Controlled Shell Thickness

by using Nanoparticle Adsorption

2P03 Takao Noguchi (Kyushu University) : Charge Transfer Nanomaterials Self-assembled from Polyoxometalate and Nucleotides

2P04 Atsushi Sakai (Kyushu University) : Synthesis of Comb-Shaped Block Copolymer and Characterization of Its Self-Assembled Structure

2P05 Shinichiro Sakurai (JST, ERATO) : Fabrication of Loop Polymer Brushes through Immobilization of Telechelic Polymers on a Solid Surface

2P06 Tomoya Sato (Kyushu University) : Surface Property Control by Radically Exchangeable Reactive Polymer Brushes

2P07 Kaori Shingo (Kumamoto University) : Polymeric Ionic Liquid-immobilized Silica for High Molecular Shape-Selective HPLC

2P08 Takamichi Shinohara (Kyushu University) : Non-destractive Characterization of 'Buried' Nano-structure in Polymer Thin Film by Small Angle X-ray Scattering

2P09 Siqing Sudu (Kyushu University) : Characterization of Nanoimprinted Polyimide Thin Films

2P10 Jie Zhan (Kyushu University) : Mechanical Properties of Deoxyribonucleic Acid Films

2P11 Hiroshi Arita (Kyushu University) : Molecular Dynamics Characterization of Polystyrene Brush Film by Lateral Force Microscopy

2P12 Daisuke Matsukuma (JST, ERATO) : Structural Stability Control of Liquid Marbles

2P13 Hang Xu (Kyushu University) : Gelation of Polystyrene Copolymer Containing Catechol Groups in the Presence of Iron (III) Ions

2P14 Arif Md. Rashedul Kabir (Hokkaido University) : Prolongation of the Active Lifetime of a Biomolecular Motor System for *in vitro* Motility Assay

2P15 Makoto Ogawa (Waseda University) : Functional Hybrid Materials Based on Nanoporous Silicas

2P16 Kohji Yoshinaga (Nagasaki University) : Grafting of Poly(1-substituted vinyltriazole), Prepared via Click Reaction, onto Colloidal Silica and Selective Trapping of Transition Metal Ion

2P17 Eun Hwa Jung (Pusan National University) : Synthesis and Characterization of Silica Based Nanocomposites

2P18 Sang Hyun Lee (Pusan National University) : Functionalization of Periodic Mesoporus Organosilica by Sulphonic Acid Groups for Rare Metal Ions Adsorption

2P19 Yonghoon Lee (Yonsei University) : Phase Transition Behavior in the Blends of Weakly Interacting Block Copolymers

2P20 Wei Ma (Kyushu University) : Preparation of Poly(Methyl Methacrylate) Grafted Imogolite Nanotubes by Surface-initiated ARGET ATRP

2P21 Kota Shiba (Waseda University) : Flow Reactor Syntheses of Titania-Octadecylamine Hybrid Spherical Particles -Variation of Particle Size and Insertion of Heteloelements-

2P22 Vladimir E. Silantyev (Russian Academy of Sciences) : Morphology and Mechanical Properties of Jellified Chitosan-Clay Nanocomposite Formed by Means of Regulated Charging of Polysaccharide

2P23 Weng On Yah (Kyushu University) : Selective Modification on Lumen of Halloysite: New Inorganic Tubule Micelle

2P24 Jieun Yang (Pusan National University) : Environmentally Friendly Low Viscous 4-Arm Star Polymers via Emulsion ATRP

2P25 Takahiro Yano (Kyushu University) : Characterization of Molecular Aggregation Structure of Poly(vinyl

alcohol) Nanofiber Fabricated by Electrospinning

2P26 Donghyun Kim (Pusan National University) : Electrical Properties of Transparent Conductive Films Prepared by Dispersed Single-Walled Carbon Nanotubes Using Poly[2-(dimethylamino)ethyl methacrylate]-*co*-Polystyrene

2P27 Kazuma Yoshida (Kyushu University): Metal-Catalyzed Anisotropic Etching of CVD-Grown Graphene

2P28 Takayuki Narita (Saga University) : Volume Change of Behavior of Poly(*L*-lysine-*alt*-terephtalic acid)Microcapsules Near the Transition pH

2P29 Dongwon Kim (Pusan National University) : Mechanical Properties of the Acrylonitrile Functionalized Emulsion SBR/Silica Compounds

2P30 Jin Sun Koo (Chungnam National University) : Synthesis of Sodium Methallyl Sulfonate-*co*-Poly(ethylene glycol) Diacrylate Ion Exchange Bead at Different Molecular Weight of PEGDA

2P31 Noh-Seok Kwak (Chungnam National University) : Synthesis of Phoshonic Type Micro Bead by Suspension Polymerization and Its Adsorption Properties

2P32 Seon-Ho Lee (Chungnam National University) : Indium Adsorption Experiment with Continuous Electrodeionization System

2P33 Withdrawn

2P34 Ryosuke Okazaki (Kyushu University) : Preparation and Characterization of Environmentally Friendly Polymer Materials with α-Methylene-γ-butyrolactone (MBL) Monomer.

2P35 Taeyoon Kim (Pusan National University) : Dual Responsive Triblock Copolymers Based on Polypseudorotaxanes via Atom Transfer Radical Polymerization

2P36 Tomoko Shirahase (Kyushu University) : Preparation and Characterization of Poly(lactic acid) Hybrids With Polymer Grafted Imogolite

2P37 Ryohei Watari (Kyushu University) : Sulfonated Polyimide Hybrid Film through Charge-transfer Complex formation for Proton Conductive Membrane

2P38 Takuma Matsuo (The University of Kitakyushu) : Structural Analysis of the Cationic Micelles Made from a Sugar-Bearing and Bromide Cationic Lipid with ASAXS

2P39 Shunsuke Sakamoto (The University of Kitakyushu) : Sugar-Bearing Calixarene Lipids to Induce Circular Dichroism and its Structures

2P40 Mizuha Sakashita (The University of Kitakyushu) : Sugar-Bearing Micelle for Targeting DDS and its Structure

2P41 Megumi Sakou (The University of Kitakyushu) : Double Anomalous Small-angle X-ray Scattering Analysis of Poly(4-vinylphenol)-*block*-Poly(4-bromostyrene) Micelle

2P42 Akito Kawanami (Kyushu University) : Inverted Organic Photovoltaic Cells Having a Bulk Heterojunction Layer and a P3HT Layer

2P43 Masatoshi Kimura (Kyushu University) : Influence of Interfacial Modification by Metallic Oxide Layer in Organic Resistive Memory Device

2P44 Gihwan Lim (Kyushu University) : Electro-Optical Properties of Blue Phase Liquid Crystal by Dual Frequency Driving

2P45 Hiroki Yonekawa (Kumamoto University) : Dye-Sensitized Solar Cells Fabricated with ZnO Nanoparticles for High Conversion Efficiency

2P46 Masamichi Nishihara (Kyushu University) : Development of Reversible Cross-Linked Polymeric Micelles with High Durability against Oxygen And Evaluation of Its Function

2P47 Kyu Suk Hwang (Pusan National University) : Energy-efficient BTX Separation Using PETLYUK (FTCDC) Column

2P48 Xinheng Li (Kyushu University) : Au Film Thickness Dependence of Ag particle Nanosheet Plasmonic Coupling

2P49 Shinji Kudo (Kyushu University) : Catalytic Pyrolysis of Cellulose with Ionic Liquids

2P50 Zhaoyang Li (Kyushu University) : First Observation of Multi-Step Spin Transition in Fe^{III} Complex with One-Dimensional Hydrogen-Bonded Chain

2P51 Takashi Nishikata (Kyushu University) : Mizoroki-Heck Reaction and Suzuki-Miyaura Coupling Catalyzed by A nano-Pd Particles Embedding to Hyperbranched Polystyrene Ammonium Salt-Catalyzed

2P52 Shigesaburo Ogawa (Kyushu University) : Self-assembly and Luminescent Properties of Lipophilic BF_2 β-Diketone Complexes

2P53 Kazuki Osawa (University of Hyogo) : Synthesis of Thermo-responsive Hollow Nanoparticle Using Template Micelle

2P54 Jing Su (Kyushu University) : Reversible Formation of Hydrophilic Chemical Gels Cross-linked by Radically Exchangeable Dynamic Covalent Bonds

2P55 Yusuke Sunada (Kyushu University) : New Fe(II)-complexes for Atom Transfer Radical Polymerization: The Ligand Design for TACN Results in High Reactivity and Catalyst Performance

2P56 Kaori Suyama (Kyushu University) : Polymer Scrambling Reactions Between Polybutadiene/ Polyisoprene and Olefin-containing Polyurethane by Olefin Cross-Metathesis

2P57 Marie Yoshimatsu (Kumamoto University): Synthesis and Characterization of Inorganic Polymers with Mixed Cage and Chain Structures