

ISF2024 Program

Venue: KYOTO TERRSA
Updated date: Oct. 22

Date	Time	Section	1F, East
Nov. 25 Monday Day 0	15:00		Restaurant "Rm"
	17:00		Registration
	19:00		Welcome Party
			Session End

Special Sessions

S1. Tradition and Culture of Fibers and Textiles
S2. Sustainable and Environmentally-Benign Fiber Science and Technology
S3. International Collaboration

General Sessions

G1. Fibers and Polymer Materials	G5. Dyeing and Finishing
G2. Soft Matter	G6. Textiles and Apparel
G3. Biomedical Materials	G7. Textile Machinery
G4. Molding, Processing, and Spinning	G8. Industrial Textiles and Smart Textiles
	G9. Management, Marketing, and Education

Date	Time	Section	1F, West	2F, West	2F, East			3F, East							
			Room A (Terrasa Hall)	Terrasa Hall 2F Lobby	Room B (Seminar Room 1+2)	Room C (Seminar Room 3)	Room D (Medium Conference Room)	Room E (AV Study Room)	Room F (Large Conference Room A+B)	Room G (Large Conference Room C)	Room H (Conference Room D)				
Nov. 26 Tuesday Day 1	8:30		Registration at Hall Entrance												
	9:30	1-1	Opening Ceremony												
	9:50		Break												
	9:55	1-2	1A02PL [Melt Spinning of Bicomponent Fibers - Fundamentals and Applications -] Takeshi Kikutan ¹ (¹ Tokyo Institute of Technology)												
	10:40	1-3	1A03PL [Processing Biopolymer Nanofibers - Lessons Learned] Caroline L. Schauer ¹ (¹ Drexel University)												
	11:25	1-4	1A04PL [Textile Based Energy Harvesting] Savvas Vassiliadis ¹ (¹ University of West Attica)												
	12:10		Break												
	13:30	1-5	S2	G1 [Direct Observation of Chain Adsorption onto a Solid Surface during Spin-coating] Yuma Morimitsu ¹ , Hisao Matsuno ¹ , Keiji Tanaka ^{1,2} (¹ Department of Applied Chemistry, Kyushu University, ² Center for Polymer Interface and Molecular Adhesion Science, Kyushu University)		G1 [Synthesis and Properties of ABA-type Triblock Copolymers consisting of Polycarbonates and Polycycloalkenes] Tatsuya Higuchi ¹ , Shota Hayakawa ¹ , Koji Nakano ¹ (¹ Tokyo University of Agriculture and Technology)		G3 [Electrospinning of Hyaluronic Acid for Cell Culture Substrates] Komal Raj ¹ , Shoya Tanaka ¹ , Satoshi Fujita ^{1,2} (¹ Department of Frontier Fiber Technology and Sciences, University of Fukui, ² Life Science Innovation Center, University of Fukui)		G7, 8, 9 1E05IL [Smart Textiles for Energy Harvesting and Self-powered Sensing] Xiaoyang Guo ¹ (¹ School of Fashion and Textiles, The Hong Kong Polytechnic University)		G2 1F05 [Mechanical and Thermal Properties of High-Performance Hydrogels of Polysaccharides] Jun-ichi Horinaka ¹ , Koshiro Hara ¹ , Kenji Urayama ¹ (¹ Kyoto University)		G6 1G05IL [Acoustic Behaviour of Textile Structures and Their Composites] Bijoya Kumar Behera ¹ (¹ Indian Institute of Technology Delhi)	
	13:50	1-6		1B06 [Time Evolution of Adhesion Strength of Polystyrene on Silicon Surface] Reiki Eto ¹ , Hidenobu Taneda ² , Tatsuki Abe ¹ , Yuma Morimitsu ¹ , Keiji Tanaka ^{1,2} (¹ Dept. Appl. Chem., Kyushu Univ., ² Ctr. Polym. Interface Mol. Adhesion Sci., Kyushu Univ.)		1C06 [DMDL - Novel Monomer for the Synthesis of Circular Polymers] Tze Kwang Gerald Er ¹ , Xin Yi Oh ¹ , Xuan Yong Haydon Lim ¹ , Xueheng Dai ¹ , Xiaochen Liang ¹ , Atsushi Goto ¹ (¹ Nanyang Technological University)		1D06 [Cellular Flocculation Using Concentrated Polymer Brush-modified Cellulose Nanofibers] Chiaki Yoshikawa ¹ (¹ National Institute for Materials Science)				1F06 [Chiroptical Property of Liquid Crystalline Phase Formed by Blending Left- and Right-handed Cellulosic Lyotropic Solutions] Yuuki Sato ¹ , Kazuki Sugimura ¹ , Hiroshi Kamitakahara ¹ (¹ Kyoto University)			
	14:10	1-7		1A07 [Plasticizing Effect of a Pressure-processable Copolyester on Poly(L-lactide)] Neha Sharma ¹ , Tsuyoshi Koga ² , Shigeru Deguchi ¹ , Ikuo Taniguchi ¹ (¹ Kyoto Institute of Technology, ² Kyoto University, ³ Japan Agency for Marine-earth Science and Technology)		1B07 [Formation of Highly Oriented Stereocomplex Crystals through Laser-heated Melt Electrospinning and Subsequent Annealing Processes of Poly(L-lactide acid)/Poly(D-lactide acid) Sheath/Core and Sea/Islands Bicomponent Fibers] Zongzi Hou ¹ , Haruki Kobayashi ¹ , Katsufumi Tanaka ¹ , Wataru Takarada ¹ , Takeshi Kikutan ¹ , Midori Takasaki ¹ (¹ Kyoto Institute of Technology, ² Tokyo Institute of Technology, ³ Yokohama National University)		1C07 [TEMPO-catalyzed Oxidation of Cellulose Fibers with Solid NaOClSH ₂ O] Gaoyuan Hou ¹ , Korawit Chitbanjong ¹ , Miyuki Takeuchi ¹ , Izumi Shibata ¹ , Akira Isogai ¹ (¹ The University of Tokyo)		1D07 [Fabrication of Mucin Hydrogel Fiber for Bacterial Culture] Yuki Nakamura ¹ , Momoka Hiroaki ¹ , Kanta Numata ¹ , Eiji Ishikawa ¹ , Satoshi Fujita ¹ (¹ Dept. Frontier Fiber Technol. Sci., Univ. Fukui, ² NIT, Gumma College.)		1E07IL [Actively Signal-generating Knitted Pressure Sensor Working under Dynamic and Static Pressure Application] Yuya Ishii ¹ (¹ Kyoto Institute of Technology)		1F07 [Chiroptical Properties of Liquid Crystalline Solution of Regioselectively Substituted Ethyl Celluloses: Substituent Effect at O-3 and O-6 Positions] Takanori Ueno ¹ , Kazuki Sugimura ¹ , Hiroshi Kamitakahara ¹ (¹ Kyoto University)	
14:30	1-8	1A08 [Interfacial Stress Transfer Analyses of Poly-l-lactic Acid / Hydroxyapatite Composites by Synchrotron Radiation and Crystallization Effect] Chenyue He ¹ , Takuya Matsumoto ¹ , Takashi Nishino ¹ (¹ Kobe University)		1B08 [Role of a Biobased Plasticizer in Promoting Stereocomplexation in PLLA/PDLA (50/50) Blend] Neimataliah Hoshi Mohammed Mahmoud ¹ , Hideaki Takagi ² , Nobutaka Shimizu ² , Noriyuki Igarashi ² , Shiroichi Sakurai ¹ (¹ Department of Biobased Materials Science, Kyoto Institute of Technology, ² High Energy Accelerator Research Organization (KEK))		1C08 [Practical Substrates Modified with Stimulus/Environment-responsive Polymer Thin Films] Tomoya Sato ¹ (¹ AIST)		1D08 [Reversible Surface Functionalization of Cellulose Nanocrystals using Metal-Phenolic Networks] Eriko Yamada ¹ , Hirotake Ejima ¹ (¹ The University of Tokyo)		1E08 [Wearable Power Generation Using Static Electricity Generated by Friction between Clothing Fibers and Its Application to Motion Sensors] Hiroaki Sakamoto ¹ , Hao Duo ¹ , Haitao Wang ¹ , Eiichiro Takamura ¹ (¹ University of Fukui)		1F08 [Chiroptical Control of Aqueous Lyotropic of Hydroxypropyl Cellulose by Adamantoylation and Inclusion Complexation with Cyclodextrin] Momoko Ando ¹ , Kazuki Sugimura ¹ , Hiroshi Kamitakahara ¹ (¹ Kyoto University)			

Nov. 26 Tuesday Day 1	14:50	1-9	<p>1A09 [Substituent Effects on Structure and Properties of Poly(lactic acid)] Hironori Maubayashi¹, Shuichi Nojima² (¹Kyoto Institute of Technology, ²Tokyo Institute of Technology)</p>
	15:10	1-10	<p>1A10 [Poly(lactic acid) Gel Formed by Fibrous Structure of Complex Crystals and Improvement of Thermal Properties] Daniel P. Ura¹ Yasuhiro Matsuda² (¹Kogakui University)</p>
	15:30		Break
	15:50	1-11	<p>1A11L [Confinement and Photocatalysis in Innovative Clay Nanofibers] Erwan Paineau¹ (¹Laboratoire de Physique des Solides / Paris-Saclay University)</p>
	16:10	1-12	<p>1B12 [Development of Scouring, Dyeing, and Functional Finishing Technology Using Supercritical Carbon Dioxide] Teruo Horii¹, Isao Tabata², Kazumasa Hirogaki³ (¹University of Fuku)</p>
16:30	1-13	<p>1A13 [Environmental Degradation of Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate)] Akiyoshi Padernishko¹, Yingjun An², Hiroyasu Masunaga³, Sono Sasaki⁴, Atsushi Takahara⁵ (¹Kyushu University, ²Japan Synchrotron Radiation Research Institute, ³Kyoto Institute of Technology)</p>	
16:50	1-14	<p>1A14 [Control of Crystallization Behavior and Microbial Degradability of P(3HB) by Mixing with Furanic Acid-based Aromatic Polyester] Daisuke Ishii¹, Mayu Tsunaga², Haruka Taniguchi³, Tomoko Soyama⁴, Haruhiko Masaki⁵, Masataka Kanae⁶ (¹Tokyo University of Agriculture)</p>	
17:10	1-15	<p>1A15 [Novel Superbases as Organocatalysts in Low Temperature Depolymerization of Polyethylene Terephthalate (PET)] Ali Harlin¹, Erno Karjalainen², Henri Olander³ (¹VTT Technical Research Institute of Finland)</p>	

<p>1B09 [Enhanced Homocrystall Formation in Biased PLLA/PDLA Blends via Prolonged Isothermal Crystallization at 170°C] Supanont Jamornsurya¹, Hideaki Takagi², Sapanont Jamornsurya¹, Hideaki Takagi², Nobutaka Shimizu³, Noriyuki Igarashi², Shinichi Sakurai² (¹Department of Biobased Materials Science, Kyoto Institute of Technology, ²High Energy Accelerator Research Organization (KEK))</p>	<p>1C09 [Development of Recyclable Polyamides by Chemozymatic Polymerization] Kousuke Tsuchiya¹ (¹The University of Tokyo)</p>	<p>1D09 [Distributed Nanosensors for Spatial-Temporal Monitoring of Oxygen Levels in Biological Systems] Gabriel T. Huynh^{1,2}, Selma S. Tunny¹, Jessica E. Frith^{1,3}, Laurence Meagher^{1,3}, Simon R. Corrie¹ (¹Dep. of Chem. & Bio. Eng., Monash University, ²CSIRO Manufacturing, ³Dep. of Mat. Sci. & Eng., Australian Regenerative Medicine Institute, ⁴ARC Training Centre for Cell and Tissue Engineering Technologies, Monash University)</p>	<p>1E09 [Post-consumer Recycled Fibres for the Development of New Building Materials] Heura Ventura¹, Josep Claramunt¹, Helena Oliver-Ottago^{1,2}, Monica Ardany^{1,2} (¹Dep. of Mat. Sci. & Eng., ²Institute of Textile Research and Industrial Cooperation of Terrassa-INTEXTER, ³Dep. of Agri-Food Engineering & Biotechnology, Universitat Politècnica de Catalunya)</p>	<p>1F09 [Enhancement of Mechanical Properties of Polyvinyl Alcohol/Agar Based Hydrogel by Crosslinking of Tannic Acid and Inducing Multiple Freeze/thaw Cycle] Moustapha Mohamed Mahmoud¹, Makoto Takafuji¹ (¹Kumamoto University)</p>	<p>1G09 [Detection Method for Chemical Fibers in Textile Waste] Soshi Shioikawa¹, Shouhei Koyama¹, Ryota Echigo² (¹Shinshu University)</p>
<p>1B10 [Direct Electrospinning of Short Polymer Fibers: An Analysis of Direct and Homogenized Methods] Daniel P. Ura¹ (¹Faculty of Metals Engineering and Industrial Computer Science, Agh University of Krakow)</p>	<p>1C10 [Water-soluble Celluloseoxides Showing a Trace of C2/C3 Side-reaction during TEMPO-catalytic Oxidation of Regenerated Cellulose Samples] Korawit Chittabanyong¹, Gaoyuan Hou¹, Izumi Shibata¹, Miyuki Takeuchi², Akira Izogai¹ (¹Department of Biomaterial Sciences, Graduate School of Agriculture and Life Sciences, The University of Tokyo, ²Institute of Engineering Innovation, The University of Tokyo)</p>	<p>1D10 [Hydrolysis and Drug Release Behaviors of Melt Electrowritten Poly(glycolide-co-caprolactone) Tissue Engineering Scaffolds] Liu Yang¹, Hualizhong Xu¹, Shinichi Sakurai² (¹Kyoto Institute of Technology)</p>	<p>1E10 [Development of Basalt Fiber Fabric for Preventing Concrete Flaking] Wataru Okumura¹, Takahiro Aoki¹, Shinji Ueda¹, Mayu Ikeda² (¹Industrial Research Institute of Ishikawa, ²Aoki Textile Co. Ltd., ³Magara Construction Co., Ltd.)</p>	<p>1F10 [Estimation of Fiber-Fiber Interactions in Cellulose Fiber Sheets via Relationship between Fiber Network Density and Cross-linking Point] Daisuke Tatum¹, Yudi Yamaguchi¹ (¹Kyushu University)</p>	<p>1G10 [Effect of Resin Processing on Cotton Fabric on Pollen Scattering] Shigeyuki Nakano¹, Yukio Higashiyama¹, Atsushi Sakuma² (¹Hyogo Prefectural Institute of Technology, Technical Support Center for Textiles Industries, ²Kyoto Institute of Technology)</p>
Break	Break	Break	Break	Break	Break
<p>1B11 [Influence of Processing History on the Hierarchical Structure of Fibers from Virgin and Recycle PP Melt Extruded at Varied Temperatures] Mohammad Abdul Barique¹, Wataru Takarada¹, Takeshi Kikutani¹ (¹Tokyo Institute of Technology)</p>	<p>1C11 [Biodegradable and Adhesive Properties of Biomass-based Polymers Containing 2-Pyrone-4,6-dicarboxylic Acid] Yijie Jin¹, Takuma Araki², Naofumi Kamimura³, Eiji Masai⁴, Masaya Nakamura⁵, Tsuyoshi Michinobu⁶ (¹Tokyo Institute of Technology, ²Forestry and Forest Products Research Institute, ³Nagasaki University of Technology)</p>	<p>1D11L [Bioprinted Hydrogels for Metal-based Drug Delivery and Tissue Engineering] Tomoko Fujiwara¹ (¹University of Memphis)</p>	<p>1E11L [Four Years of WE-TEAM: Lessons Learned and Future Challenges] Lieva Van Langenhove¹ (¹Ghent University)</p>	<p>1F11 [Studies on Correlation of Orientation of Cylindrical Microdomains and Mesoscopic Surface Structure Kin-induced by Thermal Annealing of a Spin-coated Homogeneous Ultrathin Film of Cylinder-forming Block Copolymer] Yuko Nishimatsu¹, Shinichi Sakurai¹ (¹Kyoto Institute of Technology)</p>	<p>1G11 [Effect of Poly(lactic acid) on Cutaneous Health] Chiyoaki Mizutani¹, Asumi Tanaka¹, Masayuki Tsuji¹, Risa Shinobu², Kenichiro Takum², Tomoyoshi Yamamoto³ (¹Ōtsu Women's University, ²PTECLEX Co., Ltd., ³Murata Manufacturing Co., Ltd.)</p>
<p>1B12 [Development of Scouring, Dyeing, and Functional Finishing Technology Using Supercritical Carbon Dioxide] Teruo Horii¹, Isao Tabata², Kazumasa Hirogaki³ (¹University of Fuku)</p>	<p>1C12 [All-Perfluorosulfonated-Ionomer Composite Membranes Containing Blow-spun Thin Fibers for Fuel Cell Applications] Hidetoshi Matsumoto¹, Yoshiki Kawai¹, Shuta Onuki¹, Minoru Ashizawa², Yuta Nabaie³ (¹Tokyo Institute of Technology)</p>	<p>1D13 [Organelle-targeted Delivery of Multiple Cargoes within Plants Using Carbon Nanotube-Polymer Composites] Simon Sau Yin Law¹, Keii Numata^{1,2} (¹Center for Sustainable Resource Science, RIKEN, ²Graduate School of Engineering, Kyoto University)</p>	<p>1E13 [Introducing Sustainability Education in Textile Engineering Curriculum of Bangladesh through an International Academia-Industry Collaboration] Lal Mohan Bari¹, Mohammad Tajul Islam^{1,2} (¹Ahsanullah University of Science and Technology, ²United Nations University-Flores)</p>	<p>1F12 [Structural Analyses of Adhesive Interfaces between Polyethylene and Nylon 6 using STXM] Yohhei Nakanishi¹, Kazuki Miya², Mizuki Sando², Mikihito Takemasa¹ (¹Kyoto University, ²CROSS)</p>	<p>1G12 [Effect of Clothing Waistline Position on Appearance Evaluation for Various Body Shapes] Shiori Mizukami¹, KyoungOk Kim², Masayuki Takatera³ (¹Graduate School of Science and Technology, Shinshu University, ²Institute for Fiber Engineering (IFES), Shinshu University)</p>
<p>1B13 [Preparation of Collagen Nanofiber/Bacterial Nanocellulose Composites via On-site Aqueous Counter Collision Process] Yutaro Tsujita¹, Karin Yamaguchi², Daisuke Tatsumi², Tetsuo Kondo³ (¹Institute of Agriculture, Tokyo University of Agriculture and Technology, ²Graduate School of Bioresource and Bioenvironmental Sciences, Kyushu University)</p>	<p>1C13 [Poly(fluorene)-based Highly Durable Anion Exchange Membranes for Water Electrolysis Application] Manabu Tanaka¹, Yuri Harai¹, Shuhei Koyama¹, Hiroyoshi Kawakami¹ (¹Tokyo Metropolitan University)</p>	<p>1D14 [Encapsulation of Single Extracellular Vesicles into a Degradable Nanosheet] Hirotaka Ejima¹, Chenyu Wang² (¹The University of Tokyo)</p>	<p>1E14 [Yarn Length Compensatory Mechanism of Carrier and Braiding Angle in Multi-braider] Toshiyasu Kinari¹, Yoya Kondo¹, Shinichi Raa¹, Michio Taniguchi², Lina Wakako¹ (¹Kanazawa University, ²Taniguchi Industry Co. Ltd)</p>	<p>1F13 [Structural Change and Its Mechanism of OBDD Triggered by Temperature Jump] Kohel Nakamura¹, Koudai Suzuki¹, Shigeru Okamoto¹ (¹Nagoya Institute of Technology)</p>	<p>1G13 [Development of Pantyhose Suitable for High Heels] Tamaki Mitsuno¹ (¹Shinshu University)</p>
<p>1B14 [Development of Nano Fibroin Comprising Silk Fibroin and Silk Sericin with pH Sensing Property] Mabeya Flore Vanessa¹, Yoko Okahisa² (¹Kyoto Institute of Technology)</p>	<p>1C14 [Profiled Ion-exchange Membranes for Electrodialysis and Reverse Electrodialysis] Mitsuru Higa^{1,2}, Yuji Takakura¹, Yusugimoto^{1,2}, Yuriko Kakehana^{1,2} (¹Yamaguchi University (YU), ²BUE Energy Center, YU)</p>	<p>1D15 [Construction of Functional Soft Materials Composed of Filamentous Virus Based on Genetic Engineering and Machine Learning] Toshiki Sawada¹, Takashi Kishida¹, Michiro Tanaka¹, Takeshi Serizawa¹ (¹Tokyo Institute of Technology)</p>	<p>1E15 [Flow Analysis around Package for Synthetic Fiber Yarn and its Cover] Kentaro Koshishi¹, Kinzou Hashimoto², Ketsuke Okada³, Toshiyasu Kinari¹ (¹Kanazawa University, ²TMT Machinery Inc.)</p>	<p>1F14 [Transparent Nanostructured Epoxy Thermoset Toughened by Oxone[®]-modified Styrenic Star Block Copolymer: Part I: Structural and Morphological Properties] Shankar P. Khatiwada^{1,2}, Shigeru Okamoto¹, Ralf Lach³, Gert Heinrich^{3,4}, Rameshwar Adhikari¹ (¹Tribhuvan University, ²Leibniz-Institut für Polymerforschung Dresden e.V., ³Nagoya Institute of Technology, ⁴Polymer Service GmbH Merseburg, ⁵Institut für Textilmaschinen und textile Hochleistungswerkstofftechnik)</p>	<p>1G14 [Neurophysiological Responses on Tactile Evaluation of Textile] Takafumi Hata¹, Takayuki Kodama¹, Mari Inoue¹ (¹Kobe University, ²Kyoto Tachibana University)</p>
<p>1B15 [Development of Silk Fiber-based Bio-nano Technical Cloth for Advanced Air Filtering] Md. Tawir Hossain¹, Md. Abus Shahid¹, Mohammad Abdul Jalil^{1,2}, Mohammad Abdul Barique³, Mohammad Masudur Rahman⁴, H.T.M. Quader Newaz⁵ (¹Bangladesh University of Business and Technology (BUBT), ²Dhaka University of Engineering and Technology (DUET), ³Khulna University of Engineering and Technology (KUET), ⁴Tokoyo Tech, ⁵International Standard University (ISU))</p>	<p>1C15 [Thermoelectric Property and Anomalous Large Seebeck Coefficient of Cryogels Incorporating Poly(3-hexylthiophene) Nanofiber] Takeshi Shimomura¹, Naoki Okada¹, Kohel Sato¹, Shinji Kanehashi¹ (¹Tokyo University of Agriculture and Technology)</p>	<p>1D15 [Construction of Functional Soft Materials Composed of Filamentous Virus Based on Genetic Engineering and Machine Learning] Toshiki Sawada¹, Takashi Kishida¹, Michiro Tanaka¹, Takeshi Serizawa¹ (¹Tokyo Institute of Technology)</p>	<p>1E15 [Flow Analysis around Package for Synthetic Fiber Yarn and its Cover] Kentaro Koshishi¹, Kinzou Hashimoto², Ketsuke Okada³, Toshiyasu Kinari¹ (¹Kanazawa University, ²TMT Machinery Inc.)</p>	<p>1F15L [Polymerization/Depolymerization-Induced Self-Assembly/Disassembly] Myungwon Seo¹ (¹Korea Advanced Institute of Science and Technology)</p>	<p>1G15 [Measurement of Clothing Pressure Using an Elastic Strain Sensor] Yosuke Horiba¹, Masataka Harada¹ (¹Shinshu University)</p>

Nov. 26 Tuesday Day 1	17:30	1-16	Session End	<p>1B16 [Additive Manufacturing of High-resolution Polypropylene Scaffolds via Melt Electrowriting] Tong Sun¹, Shinichi Sakurai¹, Hualizhong Xu¹ (*Kyoto Institute of Technology)</p>	<p>1C16 [Adsorption Behaviors of Metal Ions on Nanofibrous Membranes Containing Protein Crystals] Shuto Matsuura¹, Hajime Mori², Akhiko Tanaka², Hidetoshi Matsumoto¹ (*Tokyo Institute of Technology, ²Inspired Micro Crystals)</p>	<p>1D16 [Amphiphilic Peptide-based Nanocarriers for Material Delivery] Kousuke Tsuchiya¹, Keiji Numata² (*The University of Tokyo, ²Kyoto University)</p>	Session End	<p>1G16 [Measuring System for Investigating Water Vaporization from Fabric at Various Temperature] Kam-Hong Chau¹, Chi-Wai Kan¹ (*The Hong Kong Polytechnic University)</p>
	17:50	1-17	<p>1B17 [Crystallization of Fluorinated Polymers] Kengo Nishiura¹, Go Matsuaba¹ (*Yamagata University)</p>	<p>1C17 [Nitrogen Doping of Oxidized Activated Carbon Fiber with Urea and Its Nitrate Ion Adsorption Performance] Natsuhiko Sato¹, Yoshimasa Amano², Motori Machida¹ (*Chiba University)</p>	<p>1D17 [Dityrosine-containing Polypeptides: Chemoenzymatic Synthesis and Viscoelastic Property] Kayo Terada¹, Shogo Takemura¹, Yui Tsuji¹, Kousuke Tsuchiya¹, Keiji Numata^{1,2} (*Kyoto University, ¹University of Tokyo, ²RIKEN)</p>	Session End	<p>1G17 [Automatic Vertical Wicking Tester Based on Optical Measurement] Kam-Hong Chau¹, Chi-Wai Kan¹, Ho-Shing Law² (*The Hong Kong Polytechnic University)</p>	
	18:10		Session End	Session End	Session End	Session End	Session End	

Date	Time	Section	1F, West	2F, West	2F, East			3F, East			
			Room A (Terrace Hall)	Terrace Hall 2F Lobby	Room B (Seminar Room 1+2)	Room C (Seminar Room 3)	Room D (Medium Conference Room)	Room E (AV Study Room)	Room F (Large Conference Room A+B)	Room G (Large Conference Room C)	Room H (Conference Room D)
Nov. 27 Wednesday Day 2	8:30		Registration at Hall Entrance S2		G1		G3	G7, 8, 9	G2		G4
	9:00	2-1	<p>2A01IL [Direct Transformation of Chitin Whisker in Chiral Nematic Phase Solution to Anisotropic Microfiber] Suwabun Chirachanchai¹ (*Chulalongkorn University)</p>	Corporate Booth	<p>2B01 [Effect of Crystalline Orientation on the Photo-oxidative Degradation of Isotactic Polypropylene] Yingjun An¹, Tomoko Kajiwara¹, Adchra Padermschok¹, Tinh Van Nguyen¹, Hiroyasu Masunaga², Yutaka Kobayashi¹, Hiroshi Ito³, Sono Sasaki¹, Atsushi Takahara¹ (*Kyushu University, ²JASRI, ³Yamagata University, ⁴Kyoto Institute of Technology)</p>	Corporate Booth	<p>2D01IL [Interaction Analysis between Cells/Tissues and Polymeric Biomaterials with Different Molecular Structures] Tomoko Hashimoto¹ (*Shinshu University)</p>	<p>2E03IL [Design and Preparation of Hollow Porous Fibers for Thermal Insulation and Warmth Preservation Application] Pengfei Tan¹, Ziang Wang¹, Lin Tan² (*Sichuan University)</p>	<p>2F01 [Preparation of Tough Gels Using Entanglements of Polymer Chains] Takashi Miyata¹, Midori Murakami¹, Chika Hajime¹, Chisa Norioka¹, Akiyumi Kawamura² (*Kansai University)</p>	Corporate Booth	<p>2H01IL [Sensors and Actuators Based on Melt-spun Liquid-core Filaments] Rudolf Hufenus¹ (*Empa)</p>
	9:20	2-2			<p>2B02 [Aggregation States and Degradation Behavior of Poly(ethylene terephthalate) in Electrospun Fiber Mats under Hygrothermal Conditions] Keigo Kawahara¹, Hisao Matsumoto^{1,2}, Keiji Tanaka^{1,2} (*Department of Applied Chemistry, Kyushu University, ²Center for Polymer Interface and Molecular Adhesion Science, Kyushu University)</p>		<p>2D03 [Nanofibrous Membranes That Dissolve Naturally for Continuous Delivery of Acyclovir and Ketorolac in Herpes Treatment] Shih-Jyun Sheu^{1,2}, Pin-Diao Feng^{1,2}, Ren-Chin Wu¹, Yi-Hua Kuo¹, Shih-Jung Liu^{1,2}, Hiroshi Ito³ (*Dep. of Mec. Eng., Chang Gung University, ²Dep. of Anesthesiology, ³Dep. of Thoracic & Cardiovascular Surgery, Chang Gung Memorial Hospital at Linkou, ⁴Dep. of Anatomic Pathology, Linkou Chang Gung Memorial Hospital and Chang Gung University College of Medicine, ⁵Dep. of Orthopedic Surgery, Bone & Joint Research Center, Chang Gung Memorial Hospital-Linkou, ⁶Grad. Sch. of Org. Mat. Sci., Yamagata University)</p>		<p>2F02 [Phase Separation and Molecular Compartment Characteristics of Aqueous Solutions of Zwitterionic Polymers] Yuji Higaki¹, Yasuhiro Eguchi¹, Yuri Mitsuobu¹, Haruna Shiro¹, Miyuka Tateyama² (*Faculty of Science and Technology, Oita University, ²Graduate School of Engineering, Oita University)</p>		<p>2H03 [Bubble Nucleation-induced Delamination of Directly Joined Metal-Polymer Composites for Multi-material Recycling] Yuuto Mori¹, Sharma Rajesh Kumar², Kentaro Taki³ (*Kanazawa University)</p>
	9:40	2-3			<p>2A03 [Local Structure of Val Residue in Semi-crystalline Region of Fibrin Analyzed by Solid-state NMR] Misaki Mizushima¹, Yu Suzuki¹ (*University of Fukui)</p>		<p>2B03 [Characterizations of the Molecular Motility Changes of BR and NBR with CO₂ Sorption Phenomenon by NMR Methods] Hiroaki Yoshimizu¹ (*Life Science and Applied Chemistry Program, Department of Engineering, Graduate School of Engineering, Nagoya Institute of Technology)</p>		<p>2D04 [Synthesis of Near-Infrared Absorbing Triangular Au Nanoplates and Small Nanoparticles Using Biomimetic Mineralization Peptides] Masayoshi Tanaka¹, Yuka Kiriki¹, Nozomi Kiyohara¹, Mina Okochi¹ (*Institute of Science Tokyo)</p>		<p>2F03 [Structure and Solvent Ion Dynamics in Cationic Polymer/Anionic Surfactant Mixtures: Deeper Insights into Coacervation Phenomena] Sachiko Masaoka¹, Atsunori Morigaki¹, Takaaki Sato² (*LION Corporation, ²Shinshu University)</p>
10:00	2-4	<p>2A04 [Structural Transition Mechanism from Alpha-helix to Beta-sheet in the Silk Proteins of Eri-silk (Samia cynthia ricini) Having Polyalanine Sequences] Taiyo Yoshitaka¹, Tsunenori Kameda² (*National Agriculture and Food Research Organization (NARO))</p>	<p>2B04 [Analysis of Physical Properties and Fine Structure on Recycled/Virgin Blend PP Fiber] Miu Aida¹, Kousuke Sugawara¹, Yoshifumi Ikaga¹, Ren Tomisawa¹, Kyoung-Hou Kim^{1,2}, Yutaka Onkoshi^{1,2} (*Faculty of Textile Sci and Tech, Shinshu University, ²Institute for Fiber Engineering, Shinshu University)</p>		<p>2F04 [Scattering and Rheological Study on Guanosine 5'-Monophosphate Gels in Aqueous Systems: Effects of NaCl Concentration] Seika Akiyama^{1,2}, Masaya Kaneko¹, Takaaki Sato² (*Ajinomoto Co., Inc., ²Shinshu University)</p>						

Nov. 27 Wednesday Day 2	10:20	2-5	<p>2A05 [Native-like Spider Silk Assembly through Microfluidic Spinning] Jianming Chen^{1,2,3} (¹School of Fashion and Textiles, ²Research Institute for Intelligent Wearable Systems, ³Research Centre of Textiles for Future Fashion, The Hong Kong Polytechnic University)</p>	Corporate Booth	<p>2B05 [The Effect of Annealing and Molecular Weight on the Crack Propagation of PC] Takayuki Yoshida¹, Shotaro Nishitsuji², Hiroshi Ito¹ (¹Graduate School of Organic Materials Science, Yamagata University)</p>	Corporate Booth	<p>2D05 [Development of In Vivo Evaluation System for Liquid Embolic Material Design] Kousaku Ohkawa^{1,2,3}, Hemdeep Kaur², Tracy Nguyen², Chloe Jin², Beatrice Mae Malvar², Rebecca Christine Back², Parisa Khorroopou², Shuichi Suzuki^{2,3}, Frank. P. K. Hsu^{2,3}, Ichiro Yuki^{2,3} (¹Shinshu University, ²University of California, Irvine, ³Aquatex Medical, Inc.)</p>	<p>2E05 [From Fused Deposition Modeling to Melt Electrowriting: A Path of Achieving High-resolution Tissue Engineering Scaffolds] Huaizhong Xu¹ (¹Kyoto Institute of Technology)</p>	<p>2F05 [Hydration and Structural Depolarization Effects in a Wide Range of Aqueous Systems: from Miscellar and Polymer Solutions to Lamellar-gel Stabilized Oil-in-water Emulsions] Takaaki Sato¹ (¹Shinshu University)</p>	<p>2H05 [Mechanical and Thermal Reinforcement of Biodegradable Polymer by Compounding Cellulose Nanofiber] Hiroyuki Noguchi¹, Kazuko Ono¹, Akihiro Ito¹, Takeshi Semba¹, Hiroyuki Yano² (¹Kyoto Municipal Institute of Industrial Technology and Culture, ²Kyoto University)</p>				
	10:40	2-6	<p>2A06 [Exploration of Pressure-responsive Plasticizers Leveraging Baroplasticity] Fanny Moses Gladys¹, Ikuo Taniguchi¹ (¹Kyoto Institute of Technology)</p>		<p>2B06 [Antibacterial and Antifungal 3D-printed Plastics and Cotton Fabric Functionalised by Aloe Vera Gel and Cationic Agents] Anson M.Y. Luk¹, Chi-wai Kan¹ (¹School of Fashion and Textiles, The Hong Kong Polytechnic University)</p>		<p>2D06 [Enhanced Biodegradation of Silk Fibroin Hydrogel for the Prevention of Postoperative Tendon Adhesion] Yusuke Kamebe¹, Yusuke Kawano², Makoto Sasaki¹, Hirotaka Fuchigami¹, Nobuyuki Fujita¹, Tsunenori Kameda¹ (¹National Agriculture and Food Research Organization, ²Fujita Health University, ³Charlie Lab Inc., ⁴Atsumaru Holdings Inc.)</p>	<p>2E06 [Sustainability-oriented Pressure Sensors Using Electrospun Poly(lactic acid) Submicrofiber Mats] Mitsuo Kaneko¹, Kenichi Takagaki¹, Yuya Ishii¹, Hetsuke Sakai¹, Taiki Nobeshima¹, Sei Uemura¹ (¹Kyoto Institute of Technology, ²Kokushikan University, ³National Institute of Advanced Industrial Science and Technology)</p>	<p>2F06 [Strain-induced Crystallization and Melting of Natural Rubber: How "Inverse Yielding" is Explained?] Masatoshi Tosaka¹ (¹Kyoto University)</p>	<p>2H06 [Interfacial Properties and Fracture Behaviors of Recycled Carbon Fiber Composites] Junpei Yamazaki¹, Takuya Matsumoto¹, Takashi Nishino² (¹Kyoto University)</p>				
	11:00	2-7	<p>2A07 [Polybutylene Succinate-Polyamide 4 Multiblock Copolymer, a New Biopolymer. Effect of Each Block Length for Tuning of Properties] Shinji Tanaka¹, Hideaki Ono¹, Masaru Yoshida¹ (¹National Institute of Advanced Industrial Science and Technology (AIST))</p>		<p>2B07 [Elastic Modulus of the Crystalline Regions of the Polyalcohol with Hydroxy Groups on Every Third Carbon Atom in Polymer Backbone] Naoto Takahashi¹, Takuya Matsumoto¹, Takashi Nishino² (¹Kobe University)</p>		<p>2D07 [Properties of Alcohol-treated Silk Fibroin Films for Wound Dressing Applications] Kaho Kobayashi¹, Yasushi Tamada¹, Tomoko Hashimoto¹ (¹Graduate School of Textile Science and Technology, Shinshu University)</p>	<p>2E07 [Optical Evaluation and Applications of Yarn Integrated with Polarizing Dyes] Ryu Oi¹, Riho Kawashima¹, Izumi Sakai¹, Takamichi Amako¹, Seichi Kobayashi² (¹Tokyo Kasei University, ²Yamamoto Chemicals, Inc.)</p>	<p>2F07 [Changes in Chain Structures of Glassy Polymers under Uniaxial and Biaxial Deformation Modes] Ken Kojio¹, Ayn Fujii¹, Ayumi Hamada¹, Kakeru Obayashi¹, Tsuhana Oji¹, Kaiko Iideta¹ (¹Kyushu University)</p>	<p>2H07 [Open-source Technology for Melt Electrowriting Research] Simon Lopuschinsky¹, Ievgenii Liaschenko¹, Alberto Ramon¹, Paul Daltor¹, Shinichi Sakurai¹, Huaizhong Xu¹ (¹Kyoto Institute of Technology, ²University of Oregon)</p>				
	11:20	2-8	<p>2A08 [Cascale and ZHCC Driving Sustainability with Collective Action] Eiji Kimura¹ (¹BOKEN Quality Evaluation Institute)</p>		<p>2B08IL [The Density Fluctuations of Amorphous Polymers under Deformation by Time-resolved Small Angle X-ray Scattering] Shotaro Nishitsuji¹, Yuki Watanabe¹, Daisuke Iwahara¹, Takayuki Yoshida¹, Koki Fujii¹, Hiroshi Ito¹, Mikihito Takemura² (¹Graduate School of Organic Material Science, Yamagata University, ²Institute for Chemical Research, Kyoto University)</p>		<p>2D08 [Insights into the Self-assembly of Spider Silk as a Biomolecular Condensate] Ali DeFrance Malay¹, Keiji Numata¹ (¹RIKEN Center for Sustainable Resource Science)</p>	<p>2E08 [Reversible Thermo-chromic Composite Nanofibers] Ali Akbar Merati¹, Mohammad Hossein Moghimiari¹, Maryam Yousefzadeh¹, Najmeh Moazeni² (¹Academic Center for Education, Culture and Research (ACECR) and Advanced Textile Materials and Technology (ATMT) Research Institute, Textile Engineer, ²Textile Engineering Department, Amirkabir University of Technology)</p>	<p>2F08IL [Unlocking the Hidden Potential of Elastomers by Precision Control of Network Structure] Shintaro Nakagawa¹ (¹The University of Tokyo)</p>	<p>2H08 [Effects of Extrusion Conditions on the Ultra-SAXS Structure and Properties of Poly(ethylene terephthalate) Fiber] Yuki Tanimoto¹, Koukai Sugawara¹, Toshitomi Ikaga¹, Ren Tomisawa¹, KyungHou Kim², Yutaka Ohkoshi², Shigetoshi Maekawa¹, Hiroo Katsuta¹, Kazuyuki Okada¹, Toshiji Kanaya³ (¹Shinshu University, ²Institute for Fiber Engineering and Science, ³Taray, ⁴Taray Research Center, ⁵Kyoto University)</p>				
	11:40	2-9	Break		Break		<p>2D09 [Protein Aggregation Inhibition Polymers] Kazuaki Matsumura¹, Robin Rajan¹ (¹Japan Advanced Institute of Science and Technology)</p>	Break	<p>2H09 [Improvement of Strength of Syndiotactic Polystyrene Fibers by Modifying Spinning Conditions] Yu Yang¹, Wataru Takarada^{1,2}, Masatoshi Shioya¹ (¹Tokyo Institute of Technology, ²Shinshu University)</p>					
	12:00	2-10					Break		<p>2D10 [High Density Cell Culture on Porous Edible Cryogel Aiming for Cultured Meat] Ping Xia¹, Satoshi Fujita^{1,2} (¹Department of Frontier Fiber Technology and Sciences, University of Fukui, ²Life Science Innovation Center, University of Fukui)</p>	Break				
	12:20	Break							Break		Break			
	12:20											Break	Break	
	13:20		2-11		<p>2B11 [Manufacturing and Mechanical Properties of Semi-open Stents with Bridged Structure] Huaili Lu¹, Huaizhong Xu¹, Shinichi Sakurai¹ (¹Kyoto Institute of Technology)</p>			<p>2D11IL [The Construction and Application of Structural Color Textile Metamaterials] Ke-Qin Zhang¹ (¹Soochow University)</p>						<p>2E11IL [Bio-inspired Robots Fabricated with Soft Materials and Printed Electronics] Takuya Umedachi¹ (¹Shinshu University)</p>
	13:40		2-12		<p>2B12 [Development of 3D-printed Products with Antiviral and Antibacterial Functions] Anson M.Y. Luk¹, Chi-wai Kan¹ (¹School of Fashion and Textiles, The Hong Kong Polytechnic University)</p>		<p>2F12 [The Change in the Molecular Chain Structure during Uniaxial and Biaxial Deformation of Segmented Polyurethane Elastomer] Kakeru Obayashi¹, Ken Kojio¹ (¹Kyushu University)</p>							

Nov. 27 Wednesday Day 2	14:00	2-13	2A13 [Bio-inspired Functional and Smart Wetting Fibers] Yuanfeng Wang ¹ (¹ Shenzhen University)	Corporate Booth	2B13 [Developing Polyamino Acid Derivatives for Oligonucleotide Therapeutic Delivery Systems] Mitsuru Naito ¹ , Kanjiro Miyata ¹ (¹ The University of Tokyo)	Corporate Booth	2D13 [Dyeing Behavior for Wool Fiber with Oxidation Products of <i>p</i> -Phenylenediamine and Resorcinol] Yumi Izuta ¹ , Kyohei Joko ² (¹ Tohoku Seikatsu Bunka University, ² Sugiyama Jogakuen University)	2E13 [Energy Harvesting Clothes Based on Three-layered Knitted Triboelectric Energy Harvesters] Yushi Umemura ¹ , Yutaka Ohno ² , Masahiro Matsunaga ² (¹ Dept. Electronics, Nagoya University, ² IMaSS, Nagoya University)	2F13 [Fatigue Behaviour of Cured Epoxy Resin and Applicability of Acceleration-life-testing Approach Based on Temperature Change] Rasha A. H. Bayomi ¹ , Kakeru Obayashi ¹ , Yuki Ando ¹ , Atsushi Takahara ¹ , Ken Kojio ^{1,2} (¹ Institute for Mat. Chem. & Eng., ² Grad. Sch. of Eng., ³ Research Center for Negative Emissions Technologies, ⁴ Center for Polymer Interface and Molecular Adhesion Science, Kyushu University)	Corporate Booth	2H13 [Electrospun PU/PVDF Nanofibers with a Phase-Separated Structure for Improved Electret Performance] Xihua Ren ¹ , Mio Yoshita ¹ , Satoshi Fujita ^{1,2} (¹ Department of Frontier Fiber Technology and Sciences, University of Fukui, ² Life Science Innovation Center, University of Fukui)
	14:20	2-14	2A14 [Assisted Biofilm Colonization on Low-temperature Argon-plasma Treated PLA/PBHxHx Blend Cast Films for Enhanced Soil-Biodegradation] Vimal Katiyar ^{1,4} , Parul Shukla ² , Hikaru Ikeo ³ , Kazuo Takahashi ⁴ , Shinichi Yagi ⁴ , Shinichi Sakurai ⁴ (¹ Centre for Sustainable Polymers, Indian Institute of Technology Guwahati, ² Faculty of Electrical Eng. & Electronics, ³ Dept. of Biobased Materials Sci., KIT, ⁴ Dept. of Chem. Eng., IITG)		2B14 [Discussion and Evaluation of Astragalus/Polyvinyl Alcohol Composite Yarn Used in Tissue Engineering] Kai-yun Tu ¹ , Shan-Ying Shih ¹ , Jia-Ci Jhang ¹ (¹ Department of Textiles and Clothing, Fu Jen Catholic University)		2D14 [Using Biodegradable Non-ionic Surfactant as a Medium for Dyeing Cotton with Reactive Dyes] Chi-wai Kan ¹ (¹ The Hong Kong Polytechnic University)	2E14 [Impact of Cover Factor on Textile Properties of 3D Printed Woven Fabrics] Yu-Jou Chao ¹ , Yi-Ci Lin ¹ , Shan-Ying Shih ¹ , Jia-Ci Jhang ¹ (¹ Department of Textiles and Clothing, Fu Jen Catholic University)	2F14 [Difference in Curing Reaction Kinetics between Bisphenols A and F] Atsuo Shundo ¹ , Nguyen Thao Phan ¹ , Mika Aoki ¹ , Atsushi Tokunaga ¹ , Ritschi Kuwahara ¹ , Satoru Yamamoto ¹ , Keiji Tanaka ^{1,2} (¹ Department of Applied Chemistry, ² Department of Automotive Science, ³ Center for Polymer Interface and Molecular Adhesion Science, Kyushu University, ⁴ Dassault Systemes K. K.)		2H14 [Molecular Orientation Control of Biodegradable Polyamide 4 Sheet Prepared by Compression Molding] Makoto Ito ¹ , Yoshiyuki Suetesugu ² , Shotaro Nishitsuji ¹ , Takashi Masaki ² , Hiroshi Ito ^{1,2} (¹ Grad. Sch. of Org. Mat. Sci., ² Research Center for Green Materials and Advanced Processing (GMAP), Yamagata University, ³ KUREHA Corporation)
	14:40	2-15	2A15 [Melt-spinning of Biomass-derived Curdlan Propionate and Crystallization Observation] Taizo Kabe ¹ , Hongo Gan ¹ , Hiroyasu Masunaga ² , Tadahisa Iwata ² (¹ The University of Tokyo, ² JASRI)		2B19IL [Resorbable Artificial Joints Combined with Electrospun Pharmaceutical- and Growth Factor-eluting Nanofibers for Small Joint Reconstruction] Shih-Jung Liu ¹ (¹ Chang Gung University)		2D15 [Study on the Halochromic Effect of Curcumin Dye Fabric] Mohammad Tajul Islam ^{1,2} , Lal Mohan Baral ¹ , Md. Ashfaqur Rahman ¹ , Md. Meshbahul Haque ² , Diplo Kumar Roy ² , Sedra Afrin Shama ¹ (¹ Ahsanullah University of Science and Technology, ² United Nations University-FLORES)	2E15 [Producing Carbon Fiber Reinforced Thermoplastics Dione Frame with Braided Structure] Shinichi Rai ¹ , Koshiro Higashi ¹ , Daischi Tatsuno ¹ , Lina Wakaki ¹ , Toshiyasu Kinari ¹ (¹ Kanazawa University)	2F15 [Controlling of Preferred Helical Conformation of Organic-Inorganic Hybrid Polymer] Tomoyasu Hirai ¹ , Hinari Sasaki ¹ , Tomoki Murai ¹ , Shunsaku Morii ¹ , Syuji Fujii ¹ , Yoshinobu Nakamura ¹ (¹ Osaka Institute of Technology)		2H15 [Development of Regenerated Cellulose Fibers Derived Cotton Using Dry-Wet Spinning with Ionic Liquids] Fusato Takase ¹ , Harutaka Katsuno ¹ , Mutsumi Kimura ² (¹ Nissinbo Textile Inc., ² Shinshu University)
	15:00	2-16	2A16 [Enhancing Optical and Dielectric Properties of Isosorbide-based Polyimides by Introducing Low-Mw PEG] Yoshiyuki Tsurusaki ¹ , Rinka Sawada ¹ , Haonan Liu ¹ , Shinji Ando ¹ (¹ Department of Chemical Science and Engineering, Tokyo Institute of Technology)				2D16 [Dyeing Technique for Medical Fabrics with Indocyanine Green Exhibiting Near-Infrared Fluorescent Emission] Hidekazu Yasunaga ¹ , Yoshihiko Tashiro ² , Shinji Ando ² (¹ Kyoto Institute of Technology, ² Showa University, ³ Tokyo Institute of Technology)	Session End	2F16 [The Flexibility and Unusual Low Thermal Expansion Exhibited by Block Copolymers of Polyimide and PDMS and the Observation of Their Microdomain Structural Changes Using Synchrotron Radiation X-rays] Atsuto Momoto ¹ , Naoki Matsuda ¹ , Tomoya Higashihara ¹ , Yoichiro Maruyama ¹ , Shintaro Fujitomi ¹ , Shinji Ando ¹ , Ryohel Ishige ¹ (¹ Tokyo Institute of Technology, ² Yamagata University, ³ JSR Corporation)		2H16 [Fabrication of Carbon Fiber Reinforced Thermoplastic Composites via In-situ Polymerization of Thermoplastic Epoxy Monomer Mixed with Cellulose Nanofibers] Hiroyuki Hasabe ^{1,2} , Wataru Okumura ² , Daisuke Mori ¹ , Takatoshi Nakayama ¹ , Kunio Tsuboi ¹ , Haruki Kobayashi ¹ , Katsufumi Tanaka ¹ , Takeshi Kikutan ^{1,4} , Miori Takasaki ¹ (¹ Industrial Research Institute of Ishikawa, ² Kyoto Institute of Technology, ³ Komatsu Matere Co. Ltd., ⁴ Chuoetsu Pulp & Paper Co. Ltd., ⁵ Tokyo Institute of Technology, ⁶ Center for Fiber and Textile Science, Kyoto Institute of Technology, ⁷ Yokohama National University)
	15:20	2-17	Break				Break	Break	Break		2H17 [Fiber Breakage Analysis of Glass Fiber Inocata-screw Extruder and Twin-screw Extruder] Ren Ito ¹ , Yutaka Kobayashi ² , Yoshiyuki Suetesugu ² , Shusaku Sawa ¹ , Hiroshi Ito ^{1,2} (¹ Grad. Sch. of Org. Mat. Sci., ² Research Center for Green Materials and Advanced Processing (GMAP), Yamagata University, ³ Technovel Corporation)
	15:40	2-18	2A18 [Potential Biomedical Application of Nanoparticles Coated Lignocellulosic Fibers] Rameshwar Adhikari ^{1,2} , Umesh Thapa ^{1,2} , Surya Prasad Adhikari ³ (¹ Research Centre for Applied Science and Technology, Tribhuvan University, ² Nepal Polymer Institute (NPI), ³ Department of Mechanical and Aerospace Engineering, Institute of Engineering, Tribhuvan University)				Break	2D18IL [Structural Coloration of Fiber Materials by Using Nature Technology] Kazumasa Hirogaki ¹ (¹ University of Fukui)	2F18 [Flexoelectric Effect in Liquid Crystalline Elastomer with Wedge-shaped Mesogens Derived from Cholesterol] Kazuyuki Hiraoka ¹ (¹ Tokyo Polytechnic University)		2H18 [Analysis of Neck-like Deformation Behavior of PP/PET Sheath-Core Type Bicomponent Fibers in High-Speed Melt Spinning Process Using High-precision On-line Diameter Measurement Apparatus] Wan Gyu Hahn ¹ , Dong Joo Min ^{1,2} , Jong hyuk Bae ¹ , Kuk Hyun Jo ¹ , Hyun Ju Oh ¹ , Tae Hee Han ¹ (¹ Korea Institute of Industrial Technology, ² Hanyang University)
16:00	2-19	2A19 [Fabrication of Vegan Leather Derived from Bacterial Cellulose by Utilizing Combination of Interpenetrating Polymer Network and Cellulosic Mercaptalization] Hung Ngoc Phan ^{1,2} , Satoko Okubayashi ^{1,3} (¹ Kyoto Institute of Technology, ² Ho Chi Minh City University of Technology, Vietnam National University Ho Chi Minh City, ³ Kyoto University)	2B19 [AMF-controlled Deformation of Nonwoven Fabrics Combined with Iron Particles and Temperature-responsive Polymer] Zhitong Shen ¹ , Satoshi Fujita ^{1,2} (¹ Department of Frontier Fiber Technology and Sciences, University of Fukui, ² Life Science Innovation Center, University of Fukui)	2F19 [Composite of Liquid-crystalline Precursor with Nanosheets toward Vertically Aligned Rigid Polyimide] Kazuki Oyama ¹ , Shohei Hara ¹ , Shinji Ando ¹ , Ryohel Ishige ¹ (¹ Tokyo Institute of Technology)		Session End					

Nov. 27 Wednesday Day 2	16:20	2-20	2A20 [Rheological Properties of Hydrophobized Cellulose Nanofibril Monolayer Films at the Air-water Interface] Koichiro Ishida ¹ , Tetsuo Kondo ² , Yoshinobu Tsujii ³ ¹ Institute for Chemical Research, Kyoto University, ² Institute of Agriculture, Tokyo University of Agriculture and Technology	Corporate Booth	2B20 [Design of Thermoplastic Composites Using Thin-layer Open-fiber Carbon Fiber Woven Fabrics] Yoshihiro Yamashita ¹ , Ryuichi Yoshioka ¹ , Masakazu Kawabe ¹ , Shi Kaechi ¹ , Hideyuki Uematsu ¹ , Shuichi Tanoue ¹ ¹ University of Fuku	Corporate Booth	2D20 [Study on the Fabrication and Application of Para-Aramid Nanofibers Based Composite Aerogels] Jianhua Ren ¹ , Teruo Hor ¹ , Kazumasa Hirogaki ¹ ¹ University of Fuku	Corporate Booth	2F20 [Birefringence Inversion of the Liquid Crystalline Poly(substituted methylene) Bearing Side-on Type Mesogens] Kiyoura, Masamichi ¹ , Hiroyuki, Kudo ¹ , Naruki, Kurokawa ¹ , Masatoshi, Tokita ¹ ¹ Tokyo Institute of Technology
	16:40	2-21	2A21 [Structural Control of Nanocellulose Microcapsules Based on Pickering Emulsion Characteristics] Shingo Yokota ¹ , Katsuki Yonemitsu ¹ ¹ Kyushu University		2B21 [A Unimorph Nanocomposite Dielectric Elastomer for High-performance Artificial Muscles] Junhong PU ^{1,2} ¹ Research Institute for Intelligent Wearable Systems, ² School of Fashion and Textiles, The Hong Kong Polytechnic University		2D21 [Polelectrolyte Multilayer Deposition on Polyethylene Terephthalate Activated by Photobase Generator] Kenji Hisada ¹ , Aoi Yoshimitsu ¹ , Genga Watanabe ¹ , Shota Yasuda ¹ , Toyaki Hirata ¹ ¹ University of Fuku		2F21 [Antithrombogenicity of Syndiotactic Poly(substituted methylene) Bearing 2-Methoxy Ethyl Side Chains] Naruki Kurokawa ¹ , Masamichi Kiyoura ¹ , Masatoshi Tokita ¹ ¹ Tokyo Institute of Technology
	17:00	2-22	2A22 [Nanofiller Effect of Single-walled Carbon Nanotubes to Elongate, Toughen and Acceleratingly Produce Ionic Liquid Dry-jet Wet Spun Cellulose Fiber] Kazufumi Kobashi ¹ , Takahiro Morimoto ¹ , Minfang Zhang ¹ , Takashi Sugino ¹ , Toshiya Okazaki ¹ , Junya Tsujino ¹ , Hideki Kajita ¹ , Yasuyuki Isojima ¹ , Yasuo Gotoh ¹ ¹ National Institute of Advanced Industrial Science and Technology, ² Omikenshi Co., Ltd, ³ Shinshu University		2B22 [Advanced Regenerated Cellulosic Fibres with Reactive Sites for Functionalization] Ali Harhi ¹ , Marianne Vehviläinen ¹ , Marja Maattinen ¹ , Marja Rissanen ¹ ¹ VTT Technical Research Institute of Finland		2D22 [Activated Carbon Fiber Fabric Used for Air Cleaning and Energy Saving] Chiyomi Mizutani ¹ , Mariya Bivolarova ² , Arsen Melikov ² ¹ Department of Textile and Clothing Science, Otsuma Women's University, ² Department of Environment and Resource Engineering, Technical University of Denmark		2F22 [Conformation of Polymer Chains Densely Grafted onto Plate-shaped Particles] Yusuke Watanabe ¹ , Yosuke Katozawa ¹ , Shinya Kato ¹ , Naruki Kurokawa ¹ , Masatoshi Tokita ¹ ¹ Tokyo Institute of Technology
	17:20	2-23	2A23 [Compatibility, Microstructure and Thermodynamic properties of Gladin Microfibers electrospun with Cinnamaldehyde and Cellulose] Sanjit Kumar Singh ¹ , Faraz Muneer ¹ , Vitayl Kocheerbitov ² , Ramune Kuktaite ¹ ¹ Swedish University of Agricultural Sciences, ² Malmö University		2B23 [Nanofibrous Membranes for Coalescence Separation of Micron-sized Oil Droplets] Yunpeng Yue ¹ , Yasuhiro Muka ¹ ¹ Nagoya University		2D23 [3D-Moldable Composite Ink of Boron Nitride and Aramid Nanofibers for Improved Thermal Management] Minji Kim ¹ , Hyo Jeong Kim ¹ , Youngho Eom ¹ ¹ Department of Organic and Nano Engineering, Hanyang University		2F23 [Simultaneous Control of Alignment and Weak Anchoring of Liquid Crystals on the Langmuir-Blodgett Film of Bottlebrush Polymer] Yuji Kinoshita ¹ , Yoshinobu Takamura ¹ , Osamu Sato ² , Yoshinobu Tsujii ³ ¹ Institute for Chemical Research, Kyoto University, ² School of Management, Tokyo University of Science
	17:40	2-24	Session End		2B24 [Preparation of Highly Porous Membranes Based on Blow-spun Poly(ether sulfone) Nanofibers] Susumu Takano ¹ , Keita Eguchi ¹ , Hidetoshi Matsumoto ¹ ¹ Tokyo Institute of Technology		2D24 [Upycling of Banana Peel Wastes to Ultra-strong and Functional Vegan Leather] Hyo Jeong Kim ¹ , Minji Kim ¹ , and Youngho Eom ¹ ¹ Department of Organic and Nano Engineering, Hanyang University		Session End
	18:00		Session End	Session End	Session End	Session End	Session End	Session End	

Date	Time	Section	1F, West	2F, West	2F, East			3F, East			
			Room A (Terrace Hall)	Terrace Hall 2F Lobby	Room B (Seminar Room 1+2)	Room C (Seminar Room 3)	Room D (Medium Conference Room)	Room E (AV Study Room)	Room F (Large Conference Room A+B)	Room G (Large Conference Room C)	Room H (Conference Room D)
	8:30		Registration at Hall Entrance								
			S3								
	9:00	3-1	3A01L [Circular Alchemy: Socio-Material Exploration in Transformative Practices] Shiho Fukuhara ¹ ¹ Poleis Labs								
	9:30	3-2	3A02L [Cellulose Nanofiber/Poly (acrylic acid) Hydrogels for Colorimetric Biomarker Sensors] Nadudda Roddhonglum ¹ ¹ Chulalongkorn University								
	10:00	3-3	3A03L [Leveraging Fiber Waste as a Cellulosic Catalyst Support for Chemical Transformation into Valuable Products] Yogi Wibisono Budhi ¹ ¹ Institut Teknologi Bandung								

To poster presenters: please display your poster during the "Poster Preparation Time".

