

ITMC2024 Poster Presentation, Prototype Exhibition, Corporate Exhibition Program

Thursday, November 21st Presentation time: *Size for poster presentation is A0 (width 841 mm * height 1189 mm).
 Odd number: 16h40-17h40 **The venue for poster presentations is the "Gymnasium".
 Even number: 17h40-18h40

Presentation Number	Presenter	Presentation Title	Presenter's affiliation	Country
P-1		Withdrawn		
P-2	Oumaima Chajii	Ultrasonic Dyeing of Natural Fabrics from Madder Plants Using Response Surface Methodology	University of Hassan II/Technical Center of Textile and Clothing	Morocco
P-3		Withdrawn		
P-4		Withdrawn		
P-5	Shivani Negi	Evaluating the Efficacy of Recycled Textile Fibre Leno Geogrids for Sustainable Soil Reinforcement	Indian Institute of Technology Delhi	India
P-6	Srishti Tewari	Novel Biomaterial From Fungal Mycelium: A Step Towards Sustainable Leather	Institute of Chemical Technology, Mumbai	India
P-7	Jungsoon Lee	Sustainable Dyeing Using Plant-based Materials on 3D Printed Thermoplastic Polyurethane	Chungnam National University	South Korea
P-8	Mohammed Jayat	The Utilization of Sensors for Tracking and Identifying Usage Phases of Textile Articles: An Initial Step Towards Lifespan Prediction	Univ. Lille, ENSAIT	France
P-9	Cédric Cochrane	Printed Piezoresistive Sensors for Measuring Elongation Of Parachute Canopy Fabric and Ribbons	ENSAIT	France
P-10		Withdrawn		
P-11		Withdrawn		
P-12	Weiyang Gu	PVA/CMC Recyclable Conductive Hydrogel Applied to Strain Sensors	Shinshu University	CHINA
P-13	Lidiia Khleborodova	Development of a Detachable UV Monitoring Wappen Patch: Real-Time Sun Exposure Management	Chungnam National University	Republic of Korea
P-14	Dandan Xie	Research on the Preparation of Flexible Conductive Bio-Based Aerogel and Its Applications for Multifunctional Sensing	Shinshu University	Japan
P-15	Wanwan Liu	Strain Sensor Based on Polyurethane/Carbon Nanotube Elastic Conductive Spiral Yarn with High Strain Range and Sensitivity	Nantong university	China
P-16	Mahiro Oshima	Cr(VI) Reduction and Removal by the Composite of Perylene and g-C3N4 Immobilized on an Alginate Sponge	Shinshu University	Japan
P-17	Sudhanshu Singh	Investigation on Piezoresistive Properties Of Reduced Graphene Oxide Treated Glass Textiles Based Multifunctional Sensors	Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab, India	India
P-18		Withdrawn		
P-19	Shubham Agnihotri	Effect Of Nano-Silica And Microcosmic Salt On The Flame Retardant And Mechanical Properties Of Epoxy Resin-Based Fiber Reinforced Composite	Indian Institute of Technology Delhi	India
P-20	Sameer Ku Behera	Finite Element analysis of Strain-Rate Effect on Circular Composite Tubes produced by Filament winding process Under Dynamic Loading Conditions	Indian Institute of Technology Delhi	India
P-21		Withdrawn		
P-22	Prabhjot Singh	Flexural fatigue behaviour of metal-faced sandwich composite panels with UD, 2D, and 3D woven fabric-reinforced cores	Indian Institute of Technology Delhi	India
P-23	Shubham Singh	Investigation of Cut-Resistant Properties of Core-Reinforced UHMWPE Textiles on Thermally Modified Tomodynamometer	Indian Institute of Technology, (IIT), Delhi	India
P-24	Dushyant Dubey	Dynamic Mechanical Properties Of Additively Manufactured Short Glass Fiber-Reinforced PLA Composites Across Variable Printing Parameters Optimized By Machine Learning	Indian Institute of Technology Delhi	India
P-25	Akeru Inaba	Electrochemical properties of fluorinated activated carbon fibers in aqueous based electrochemical cell	Shinshu University	Japan

P-26	Shogo Yokokawa	Nonwoven fabric electrodes based on graphene-dispersed carbon nanofibers for electric double layer capacitors	Shinshu University	Japan
P-27	Yuki Obana	Surface structural properties of carbon fibers formed by self-assembly of carbon dots derived from fullerene C60	Shinshu University	Japan
P-28	Mitsutaka Watanabe	Surface Modification of Polyester Textiles with Clay Nanosheets for Adsorption of Waste Models	Shinshu University	Japan
P-29		Withdrawn		
P-30	Dayae Kang	The Characteristics of Cellulose acetate Nanofibers utilizing Iron oxide	Chungnam National University	Korea
P-31		Withdrawn		
P-32	Ziwei Chen	Utilizing a Speed-Controlled Coaxial Wet-Spinning Strategy to Fabricate Hollow Smart Fibers for Multifunctional Sensing in Human Motion	Shinshu University	Japan
P-33	Qian Daoxiong	Study on Energy Harvesting Techniques Using Coaxial Wet-Spun Fibers in Triboelectric Nanogenerators	Shinshu University	Japan
P-34	Azeem Ullah	"Clay-Corn-Caprolactone" Composite Nanofibers with Enhanced Osteoconductivity	IFES, Shinshu University	Japan
P-35	Xin Zhang	The Role of Hydrophobic Surface Treatment in Triboelectric Nanogenerator Performance	Shinshu University	Japan
P-36	Ling Wang	High-Efficiency Antibacterial Nanofiber Materials Using Eggshell Membrane-Coated Silver Nanoparticles	Shinshu University	Japan
P-37	Yan Yu Lin	Preparation and Characteristic Evaluation of Biodegradable 3D Fibrous Scaffold	The Hong Kong Polytechnic University	Hong Kong
P-38	Reiji Mae	Effect of Changes in Friction Layer on Electrical Output of 3D Braided Triboelectric Nanogenerator	Shinshu University	Japan
P-39	Kanae Kojima	Fabrication and Evaluation of Coiled Yarns for the Development of Fiber Actuators	Shinshu University	Japan
P-40	Kimura Kenshin	Study on the fabrication of yarns for fiber shaped supercapacitor electrode	Shinshu University	Japan
P-41	Junpeng Xiong	Flexible and highly sensitive piezoelectric sensor based on PVDF/DA composite nanofiber membrane with two-dimensional topological network structure	Shinshu University	Japan
P-42	Kosei Numata	Study on fabrication of rCF/PA6 hybrid yarn and their composites	Shinshu University	Japan
P-43	Raito Adachi	Diatomaceous earth with excellent water absorbency Preparation of Polyacrylonitrile Nanofiber Nonwoven Fabrics	Shinshu University	Japan
P-44	Yuya Oishi	Coating of Wood Flour Using PVA-Lignin Composite Solution	Shinshu University	Japan
P-45	Yusuke Isogai	Structural Control of Bacterial Cellulose by Cymatics	Shinshu University	Japan
P-46	Yunpeng Yue	Enhanced Oil Recovery from Emulsions via ZIF-8/PAN Nanofibrous Membranes	Nagoya University	Japan
P-47	Koji Nakane	Formation and Morphology Control of Cellulose Acetate Nanofibers via Dual-Bath Immersion Electrospinning	Fukui University	Japan
P-48	Guangyu Zhang	Preparation and absorption properties of carbon fibers loaded with nano iron oxide	Nantong University	China
P-49	Zhengxin Luo	Preparation of Porous Graphene Fibers and Their Application in Supercapacitors	Shinshu University	Japan
P-50	Fanghua Liang	Research on the Application and Performance Optimization of Electrospun Nanofibers in Edible Oil Filtration	Shinshu University	Japan
P-51	Niu Chunqing	Application of biopolymer aerogels in desalination and wastewater treatment	Shinshu University	Japan
P-52	Jiamu Dai	Preparation of ZnO-Incorporated Porous Carbon Nanofibers and Adsorption Performance Investigation on Methylene Blue	Nantong University	China
P-53	Zhaohang Yang	A Hierarchically Cellulose Porous Monolith Doped with CNTs /Al2O3 Fibers. Exhibiting Super-Hydrophilicity and Underwater Superoleophobicity for Efficient Solar-Driven Desalination	Nantong University	China
P-54	Xujing Wang	Design and Development of PVDF-Based Passive Radiation Cooling Nanofiber Membrane	Soochow University	China
P-55	Mengting Feng	Preparation of Thermal Storage Nanofiber Composites Based on Photothermal Conversion	Soochow University	China

P-56	Aimi Shigeno	Effect of Ironing Technique on Cross-section of Women's Pants	Shinshu University	Japan
P-57	Eisuke Ito	Methods for Photographing Luster of fabric for E-Commerce Websites	Shinshu University	Japan
P-58	Yujin Lee	Comparison of Hand Values of Polyester Fabrics Derived from Mechanical Properties and Acoustic Spectra	Chungnam National University	Korea
P-59	Keita Uchida	Effect of Symbol Size on Impression Evaluation of Sportswear T-Shirts	Shinshu University	Japan
P-60	Shun Morooka	Changes in clothing comfort during and after heavy perspiration in hot environments	Shinshu University	Japan
P-61		Withdrawn		
P-62	Teppey Tsuchiya	Comforter Coverage and Thermal Discomfort During Sleep in Tropical Climate of Indonesia	Shinshu University	Japan
P-63	Jiyeon Kwon	Observation of Fabric Deformation Induced by Physical Movement for Future Investigation of Bellows Effect	Shinshu University	Japan
P-64	Abel Arina	Effectiveness of High-Visibility Safety Clothing under Twilight Conditions among Traffic Vehicles	Shinshu University	Japan
P-65	Ranjna Kumari	Water Vapor Transmission in Extreme Cold Weather Ensembles	IIT Delhi	India
P-66	Liu Nuo	Biomass dual-network structure material with hydrophilic for photothermal interface water evaporation	Shinshu University	Japan
P-67	Koshin Kawakami	Tensile and Contraction Properties of Sandwich Structured Fiber Composite Shear Stiffening Gel	Shinshu University	Japan
P-68	RongLiu	A novel promotion strategy for flexible and compressive performance of Al2O3 felt via aramid fiber composite	Nantong university	China
P-69	Wonyoung Jeong	Mechanical and Electrical Performance of Conductive Composite Threads for Textile-based Circuits	Korea Institute of Industrial Technology	South Korea
P-70	Kota Osada	Relationship between Perception Rate and Reaction Time in the Conspicuity Assessment of Fluorescent Fabrics for High Visibility Safety Clothing	Shinshu University	Japan

Prototype Exhibition	Presenter	Presentation Title	Presenter's affiliation	Country
PE-1	Zeeshan Khatri	Banana Leather: waste to value	Mehran University	Pakistan
PE-2	Samir Tetouani	Solar tent : comfort, autonomy thanks to the High Conductive Thread	ESITH	Morocco
PE-3	Ahmad Ibrahim	Mitten made of plant-based leather insulated with milkweed	CTT Group	Canada

Corporate Exhibition	Presenter		
CE-1	Yagi & Co., Ltd. (株式会社 ヤギ)		
CE-2	Pharma Foods International Co., Ltd. (株式会社 ファーマフーズ)		
CE-3	Jiangsu SunFeng Special Material Technology Co., Ltd.		
CE-4	Aica Kogyo Co.,Ltd. (アイカ工業株式会社)		
CE-5	Gun Ei Chemical Industry Co., Ltd. (群栄化学工業株式会社)		
CE-6	AREC 1: ASAHU RUBBER INC. (株式会社朝日ラバー) ・ HASETORA SPINNING CO.,LTD (長谷虎紡績株式会社)		
CE-7	AREC 2: HAVIX CORPORATION (ハビックス株式会社)		

ITMC2024 Poster Presentation, Prototype Exhibition, Corporate Exhibition Program

