

Tuesday, September 6, Morning (Room A)

Agenda/Venue	Time	Event/Session	Session Chair
September 6, 2022 (Tuesday)			
Virtual room A Open Ceremony	07:00-07:30 (UK, GMT+1) 14:00-14:30 (BEIJING TIME)	Enrolment and Zoom link available	TBIS Team
	07:30-08:00 (UK, GMT+1) 14:30-15:00 (BEIJING TIME)	Opening ceremony	TBIS Chief Secretary
Advanced Materials and Applications			
Plenary Session Virtual Room A	08:00-08:30 (UK, GMT+1) 15:00-15:30 (BEIJING TIME)	Plenary Medal Lecture 1: Academician Professor Meifang Zhu (China) Advanced Functional Fiber Materials: Research Progress and Future Development	Prof. Henry Yi Li (UK)
	08:30-09:00 (UK, GMT+1) 15:30-16:00 (BEIJING TIME)	Plenary Medal Lecture 2: Professor Jiri Militky (Czech Republic) Strategies for Flame Retardant Textiles	
	9:00-9:30 (UK, GMT+1) 16:00-16:30 (BEIJING TIME)	Plenary Medal Lecture 3: Academician Professor Yaochu Jin (Germany) Data-Driven Evolutionary Optimization	
	9:30-10:00 (UK, GMT+1) 16:30-17:00 (BEIJING TIME)	Plenary Medal Lecture 4: Professor Tamaki Mitsuno (Japan) Clothing Pressure and Pressure Sensation While Wearing Pantyhose Muscle Activity Changes in the Legs	
Wearable Technologies and Digital Health (I)			
Plenary Session Virtual Room A	10:00-10:30 (UK, GMT+1) 17:00-17:30 (BEIJING TIME)	Plenary Medal Lecture 5: Professor Yongqing Fu (UK) Flexible and Wearable Acoustofluidic Biosensing Platform Based on Thin Film Piezoelectrics with Human-Machine Interactions	Prof. Yongqing Fu (UK)
	10:30-11:00 (UK, GMT+1) 17:30-18:00 (BEIJING TIME)	Plenary Medal Lecture 6: Professor Terry Ye (China) Embroidered Electronics for IOT and Wearable Sensors	
	11:00-11:30 (UK, GMT+1) 18:00-18:30 (BEIJING TIME)	Plenary Medal Lecture 7: Professor Youfan Hu (China) Epidermal Systems for Physiological Information Monitoring	
	11:30-12:00 (UK, GMT+1) 18:30-19:00 (BEIJING TIME)	Plenary Medal Lecture 8: Professor Xudong Wang (USA) Wearable and Implantable Piezoelectric Materials for Biomechanical Energy Harvesting and Utilization	
	12:00-12:30 (UK, GMT+1) 19:00-19:30 (BEIJING TIME)	Plenary Medal Lecture 9: Professor A. Blanton Godfrey (USA) Improving the Maternal and Child Health Graphical for Low-And-Middle Income Countries Profiles	

Tuesday, September 6, Afternoon (Breakout Room A)

September 6, 2022 (Tuesday)		
Breakout Room A		
Session A: TBIS Regular Topics -Textile Industry and Market		
Session Chairs	Dr. Prabhuraj Venkatrman (UK)	Dr. Long Wu (China)
Time Slot	Author Name	Paper Title
12:30-13:00(UK, GMT+1) 19:30-20:00 (BEIJING TIME)	TBIS Medal Lecture: Prof. Chiyomi Mizutani (Japan)	Quantitative Evaluation of the Odor-protection Efficiency of a Face Mask by Physiological Measurement
13:00-13:30 (UK, GMT+1) 20:00-20:30 (BEIJING TIME)	TBIS Medal Lecture: Dr. Prabhuraj Venkatrman (UK)	Biofunctional Textiles for Hygiene and Medical Applications Using Eco-friendly Methods
13:30-14:00 (UK, GMT+1) 20:30-21:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Long Wu (China)	Shielding Effectiveness Analysis of Electromagnetic Shielding Clothing for Pregnant Women based on Finite Element Method
14:00-14:15 (UK, GMT+1) 21:00-21:15 (BEIJING TIME)	<u>Peirong Ye</u> , Carolina Quintero Rodriguez	Fashion Image Application: Strategies of Chinese Fashion Micro-influencers for Increasing Market Reach
14:15-14:30 (UK, GMT+1) 21:15-21:30 (BEIJING TIME)	<u>Shi-Yu Liu</u> , Guo-Xiang Yuan, Rui Sheng, Zhong-Hua Cao	The Development of Virtual Fashion Idols in the Fashion Industry
14:30-14:45 (UK, GMT+1) 21:30-21:45 (BEIJING TIME)	<u>Sophia Ching Yiu</u>	Sociocultural Motivators of Decision-making in Fashion Brands: A Case of Chinese Generation Z
14:45-15:00 (UK, GMT+1) 21:45-22:00 (BEIJING TIME)	Ying-Mei Xing, <u>Zhu-Jun Wang</u> , Xu-Yuan Tao, Xian-Yi Zeng, Jian-Ping Wang, Pascal Bruniaux	A New Learning Outcome Evaluation Approach for Blended Learning in Fashion Higher Education Using Artificial Neural Network Technique
15:00-15:15 (UK, GMT+1) 22:00-22:15 (BEIJING TIME)	Ke-Ying Zhang, <u>Ao Yang</u> , Fu-Ya Wei	Study on Industrial linkage and Spread Effect of Garment Industry in Shaanxi Province
15:15-15:30 (UK, GMT+1) 22:15-22:30 (BEIJING TIME)	<u>Meng-Qi Fu</u> , Li-Min Shi, Xiao-Chun Wang	A Review of Universal Fashion
15:30-15:45 (UK, GMT+1) 22:30-22:45 (BEIJING TIME)	Sayuki Kondo, <u>Tamaki Mitsuno</u>	Effect of Wearing Pantyhose on Lower Limb Muscle Activity
15:45-16:00 (UK, GMT+1) 22:45-23:00 (BEIJING TIME)	<u>Xia Zhou</u> , Ya-Min Feng, Ming-Hai Cui	The Establishment of the Basic Version of Female Leggings
16:00-16:15 (UK, GMT+1) 23:00-23:15 (BEIJING TIME)	<u>Le Chang</u> , Wei-Min Chang	Interpretation of Three-level Vertical and Horizontal Diagram on “Gaiba” Clothes in Ngari Tibet
Panel Discussion (10 Mins)		

Tuesday, September 6, Afternoon (Breakout Room B)

September 6, 2022 (Tuesday)		
Breakout Room B		
Session B: TBIS Regular Topics -E-Textile Materials and Wearables		
Session Chairs	Dr. Tommaso Busolo (UK)	Dr. Chunhong Zhu (Japan)
Time Slot	Author Name	Paper Title
12:30-13:00(UK, GMT+1) 19:30-20:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Tommaso Busolo (UK)	Triboelectric Yarns with Electrospun Functional Polymer Coatings for Wearable Energy Harvesting and Sensing Applications
13:00-13:30 (UK, GMT+1) 20:00-20:30 (BEIJING TIME)	TBIS Medal Lecture: Dr. Chunhong Zhu (Japan)	Wearable Triboelectric Nanogenerator for Human Motion Sensing and Energy Harvesting
13:30-14:00 (UK, GMT+1) 20:30-21:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Xuqing Liu (UK)	Fibre Surfaces Catalytic Engineering for Textile Functionalization and Wearable Electronics
14:00-14:15 (UK, GMT+1) 21:00-21:15 (BEIJING TIME)	<u>Wen-Yang Tang</u> , Chi-Yu Fu, Liang-Jun Xia, Wei-Lin Xu	Highly Sensitive and Stretchable Biomass Fiber/Fabric based Strain Sensors with Special 3D Networks for Health Management
14:15-14:30 (UK, GMT+1) 21:15-21:30 (BEIJING TIME)	<u>Chun-Lin Liu</u> , Yan Chen, Ya-Xia Liu, Chuan-Chun Wang, Yan-Jie Song, Yong-Jin Wang	Study on the Application of Optical Fiber and LED in Clothing
14:30-14:45 (UK, GMT+1) 21:30-21:45 (BEIJING TIME)	<u>Liang Ma</u> , Jun Li	Design of a Wearable Local Temperature Monitoring System
14:45-15:00 (UK, GMT+1) 21:45-22:00 (BEIJING TIME)	<u>Jia-Lin Zhou</u> , Qian-Wen Li, Chao Sun, Wei-Jing Yi	Study on Sweat Durability of Flexible Fabric Electrode
15:00-15:15 (UK, GMT+1) 22:00-22:15 (BEIJING TIME)	<u>Bethany Richardson</u> , Yang-PeiQi Yi, Yang-Yang Fan, Henry Yi Li	Preliminary Investigation of Graphene-coated Embroidered Sensors for Detecting Low Level Protein Solutions
15:15-15:30 (UK, GMT+1) 22:15-22:30 (BEIJING TIME)	<u>Shi-Tan Wang</u> , Shu Jiang, Yun-Yi Wang, Wen-Xin Niu	Effects of Firefighters' SCBA Carriage on Joint Mobility and Muscular Activity
15:30-15:45 (UK, GMT+1) 22:30-22:45 (BEIJING TIME)	<u>Tian-Yu Kou</u> , Henry Yi Li	A Review: Biosensors and Wearables for Detecting and Diagnosing Diabetes Mellitus
15:45-16:00 (UK, GMT+1) 22:45-23:00 (BEIJING TIME)	<u>Ya-Min Feng</u> , Xia Zhou, Ming-Hai Cui	Analysis of the Comfort of Human Upper Limb Joints based on Motion Capture Technology
16:00-16:15 (UK, GMT+1) 23:00-23:15 (BEIJING TIME)	<u>Qian-Jun Cai</u> , Jing Guo	Study on Clothing Structure Based on Skin Deformation of The Upper Torso and Limb in Wheelchair Curling
16:15-16:30 (UK, GMT+1) 23:15-23:30 (BEIJING TIME)	<u>Si-Rui Yao</u> , Chen Meng, Qing-Hong Huang, Ze-Kun Liu, Henry Yi Li	Functional Performances of Dip-coated MXene-silk Yarn
Panel Discussion (10 Mins)		

Wednesday, September 7, Morning (Room A)

Agenda/Venue	Time	Event/Session	Session Chair
September 7, 2022 (Wednesday)			
Textile Digitization and Sustainability			
Plenary Session Virtual Room A	08:00-08:30 (UK, GMT+1) 15:00-15:30 (BEIJING TIME)	Plenary Medal Lecture 9: Professor Xianyi Zeng (France) Creation of a Metaverse Ecosystem for Supporting Textile/Fashion Design by Combining Digital Simulations and AI-Based Human-Product Interactions	Prof. Xianyi Zeng (France)
	08:30-09:00 (UK, GMT+1) 15:30-16:00 (BEIJING TIME)	Plenary Medal Lecture 10: Dr. Yi Meng (China) Sustainable Fashion and Digitization	
	09:00-09:30 (UK, GMT+1) 16:00-16:30 (BEIJING TIME)	Plenary Medal Lecture 12: Dr. Malgorzata Zimniewska (Poland) Strengthen of Linen/Hemp Clothing Bioactivity by Application of Medicinal Plants Extracts	
	09:30-10:00 (UK, GMT+1) 16:30-17:00 (BEIJING TIME)	Plenary Medal Lecture 13: Dr. Aris Rui Huang (China) Research on WSR Collaboration Model of Distributed Supply Chain Based on Blockchain	
	10:00-10:30 (UK, GMT+1) 17:00-17:30 (BEIJING TIME)	Plenary Medal Lecture 14: Professor Rajesh Mishra (Czech Republic) Numerical Modelling and Experimental Analysis of Light Weight Composite Structures with Fibrous Reinforcement	
Textile Functionality			
Plenary Session Virtual Room A	10:30-11:00 (UK, GMT+1) 17:30-18:00 (BEIJING TIME)	Plenary Medal Lecture 15: Professor Li Li (Hong Kong, China) The Role of Aesthetics in Scientific Research Today	Prof. Apurba Das (India)
	11:00-11:30 (UK, GMT+1) 18:00-18:30 (BEIJING TIME)	Plenary Medal Lecture 16: Professor Apurba Das (India) Electrostatic Spray Coating Technology for Thermoplastic Composites	
	11:30-12:00 (UK, GMT+1) 18:30-19:00 (BEIJING TIME)	Plenary Medal Lecture 17: Professor Uwe Reischl (USA) Fabric Performance during (IR) Heat Radiation Exposure	

Wednesday, September 7, Afternoon (Breakout Room A)

September 7, 2022 (Wednesday)		
Breakout Room A		
Session A: TBIS Regular Topics -Textile materials and Engineering		
Session Chairs	Dr. Mohanapriya Venkataraman (Czech Republic)	Dr. Annie Yu (Japan)
Time Slot	Author Name	Paper Tittle
12:30-13:00(UK, GMT+1) 19:30-20:00 (BEIJING TIME)	TBIS Medal Lecture: Dana Kremenakova (Czech Republic)	Friction Dynamic and Heating of Textiles at High Speeds
13:00-13:30 (UK, GMT+1) 20:00-20:30 (BEIJING TIME)	TBIS Medal Lecture: Dr. Annie Yu (Japan)	Vibration Isolation and Softness of Knitted Spacer Fabric with Silicone Inlay
13:30-14:00 (UK, GMT+1) 20:30-21:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Mohanapriya Venkataraman (Czech Republic)	Application of Porous Activated Carbon Structures for Deactivation of SARS-Cov-2
14:00-14:15 (UK, GMT+1) 21:00-21:15 (BEIJING TIME)	<u>Xiu-Wen Yuan</u> , Qiong-Xin Huang, Xin-Ping Lu, Bin-Jie Xin, Ying-Qi Xu	Identification of Fiber Distribution of Blended Yarns Based on Image Processing
14:15-14:30 (UK, GMT+1) 21:15-21:30 (BEIJING TIME)	<u>Jing-Jia Zhang</u> , Qi-Meng Zhu, Chun-Hua Zhang, Wei-Lin Xu, Liang-Jun Xia	Quartz Fiber/Polyurethane Composites Reinforced with Carbon Nanotubes for Enhanced Interfacial Adhesion and Mechanical Strength
14:30-14:45 (UK, GMT+1) 21:30-21:45 (BEIJING TIME)	<u>Si-Yu Li</u> , Ying Wang, Jing Guo, Lan Zhang, Yu-Hao Gong, Shou-Zheng Yang	Review of Influencing Factors and Evaluation Methods of Insulation Performance of Down Clothing
14:45-15:00 (UK, GMT+1) 21:45-22:00 (BEIJING TIME)	<u>Si-Qi Chang</u> , Yu-Jia Tao, Feng Li, Peng-Fei Li, Yu-Yu Wang, Shan-Long Wang, Jian-Nan Wang, Jian-Mei Xu	Study on the Preparation of Silk Fibroin/Tea Polyphenol Composite Film and its Properties
15:00-15:15 (UK, GMT+1) 22:00-22:15 (BEIJING TIME)	<u>Xiao-Yan Yan</u> , Xiao-Peng Chen, Cong Wu, Zhao-Qi Huang, Ling-Li Wang, Yang Sun, Jie Wang	Bibliometric Analysis and Evolutionary Mapping of Protective Clothing Researches in China
15:15-15:30 (UK, GMT+1) 22:15-22:30 (BEIJING TIME)	<u>Sundaramoorthy Palanisamy</u> , Veronika Tunakova, Jana Ornstova, Monika Vysanska, Maros Tunak, Azam Ali, Xiuling Zhang , Jiri Militky	Bi-axial Stretching of Rib Knitted Fabric and its EMI Shielding
15:30-15:45 (UK, GMT+1) 22:30-22:45 (BEIJING TIME)	<u>Jing Xia</u> , Long Wu, Bo-an Ying, Jing Qi, Xin Zhang	Research on Elasticity Distribution of Functional Bra Mold Cups
15:45-16:00 (UK, GMT+1) 22:45-23:00 (BEIJING TIME)	<u>Jia-Lu Fang</u> , Jian-Xia Du, Zheng-Dong Liu.	Correlation Analysis between Heat-moisture Comfort and Mechanical Properties of Sports Fabrics
16:00-16:15 (UK, GMT+1) 23:00-23:15 (BEIJING TIME)	<u>Sajid Faheem</u> , Nazia Nahid, Jakub Wiener, Adnan Mazari, Vijay Baheti, Jiri Militky	Fundamental Aspects of Textile Flame Retardancy and Valorization of Biobased Materials as Green Flame Retardants
Panel Discussion (10 Mins)		

Wednesday, September 7, Afternoon (Breakout Room B Breakout Room C)

September 7, 2022 (Wednesday)		
Breakout Room B		
Session B: Workshop - Hybrid Materials for Hierarchal Structures (HYHI)		
Session Chair	Prof. Jiri Militky (Czech Republic)	
Time Slot	Author Name	Paper Tittle
12:30-12:55 (UK, GMT+1) 19:30-19:55 (BEIJING TIME)	Prof. Jiri Militky	HYHI project part I Flexible hierarchical structures
12:55-13:20 (UK, GMT+1) 19:55-20:20 (BEIJING TIME)	Prof. Karel Frana	HYHI project part II Composite materials and structures
13:20-13:45 (UK, GMT+1) 20:20-20:45 (BEIJING TIME)	Prof. Miroslav Cerník	HYHI project part III Functionalized nanomaterials
Breakout Room C		
Session C: Workshop - Textile Circularity and Sustainability (TCS)		
Session Chair	Prof. Xianyi Zeng (France)	
Time Slot	Author Name	Paper Tittle
12:30-12:40 (UK, GMT+1) 19:30-19:40 (BEIJING TIME)	Prof. Xianyi Zeng	Workshop Introduction
12:40-12:50 (UK, GMT+1) 19:40-19:50 (BEIJING TIME)	Academician Prof. Yaochu Jin	Data-Driven Evolutionary Optimization for Sustainability
12:50-13:00 (UK, GMT+1) 19:50-20:00 (BEIJING TIME)	Prof. Henry Yi Li	Horizon2023-2024 Grant Call on Sustainability & Circularity
13:00-13:10 (UK, GMT+1) 20:00-20:10 (BEIJING TIME)	Dr. Yang Lu	Designing An Intuitive Sustainability Platform for Industry: Challenges and Opportunities
13:10-13:20 (UK, GMT+1) 20:10-20:20 (BEIJING TIME)	Haian Ma/CEO/Cocoa Cashmere London	Sustainability and circularity practices and development trends in Cashere Industry
13:20-13:30 (UK, GMT+1) 20:20-20:30 (BEIJING TIME)	Zhangchi Liu	FBD Platform for Digital Fashion Business Models
13:30-13:40 (UK, GMT+1) 20:30-20:40 (BEIJING TIME)	Kuo Cao	Developing Digital Fashion Business Model Through FBD ICT Technology Platform
13:40-13:50 (UK, GMT+1) 20:40-20:50 (BEIJING TIME)	Tim Jun Li	Linking consumer's needs with product performance on e-shopping platforms with Fashion Big Data (FBD) API plugins
Discussion (30 Mins)		

Thursday, September 8, Morning (Room A)

Agenda/Venue	Time	Event/Session	Session Chair
September 8, 2022 (Thursday)			
Digital Health & Wearables			
Plenary Session	07:30-08:00 (UK, GMT+1) 14:30-15:00 (BEIJING TIME)	Plenary Medal Lecture 18: Professor Xiumei Mo (China) Electrospun Organic and Inorganic Nanofiber for Tissue Engineering	Prof. Seung Kook An (Korea)
	08:00-8:30 (UK, GMT+1) 15:00-15:30 (BEIJING TIME)	Plenary Medal Lecture 19: Academician Professor Shane Xie (UK) Reconfigurable Exoskeleton with Enhanced Autonomy and Intelligence for Effective home-based Rehabilitation	
Virtual Room A	08:30-09:00 (UK, GMT+1) 15:30-16:00 (BEIJING TIME)	Plenary Medal Lecture 20: Professor Budimir Mijovic (Croatia) Transplantation of Limbal Corneal Stem Cells Grown in Vitro	
	09:00-09:30 (UK, GMT+1) 16:00-16:30 (BEIJING TIME)	Plenary Medal Lecture 21: Professor Seung Kook An (Korea) The Mechanical Properties of Carbon/ Aramid Composites with Three Different Molding Methods	
	09:30-10:00 (UK, GMT+1) 16:30-17:00 (BEIJING TIME)	Plenary Medal Lecture 22: Professor Jianquan Chen (UK) Sport Infrastructure Development and Its Challenges for Healthy City in China	
	10:00-10:30 (UK, GMT+1) 17:00-17:30 (BEIJING TIME)	Plenary Medal Lecture 23: Professor Perry Xiao (UK) Skin Bioengineering Measurement Technologies	
Wearable Technologies and Digital Health (II)			
Plenary Session	10:30-11:00 (UK, GMT+1) 17:30-18:00 (BEIJING TIME)	Plenary Medal Lecture 24: Professor Hongnian Yu (UK) Assistive Technologies in Healthcare	Prof. Hongnian Yu (UK)
	11:00-11:30 (UK, GMT+1) 18:00-18:30 (BEIJING TIME)	Plenary Medal Lecture 25: Professor Huiru Zheng (UK) Wearable Technology to Support the Self-management of Chronic Conditions	
Virtual Room A	11:30-12:00 (UK, GMT+1) 18:30-19:00 (BEIJING TIME)	Plenary Medal Lecture 26: Professor Bingqing Wei (USA) Light-induced Giant Magnetoresistance and Hall Resistance in Intrinsic Silicon	

Thursday, September 8, Afternoon (Breakout Room A)

September 8, 2022 (Thursday)		
Breakout Room A		
Session A: TBIS Regular Topics -Clothing Engineering		
Session Chairs	Dr. KyoungOk Kim (Japan)	Dr. Tetiana Yelina (Ukraine)
Time Slot	Author Name	Paper Title
12:30-13:00(UK, GMT+1) 19:30-20:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. KyoungOk Kim (Japan)	How We Can Make Attractive Clothing Using Various Patternmaking Methods and Dress Forms
13:00-13:30 (UK, GMT+1) 20:00-20:30 (BEIJING TIME)	TBIS Medal Lecture: Dr. Tetiana Yelina (Ukraine)	Assessment of Knitwear Comfort via 3D Modeling and Simulation
13:30-13:45 (UK, GMT+1) 20:30-20:45 (BEIJING TIME)	<u>Tomoya Maruyama</u> , KyoungOk Kim, Masayuki Takatera	Relationship between Visual Evaluation and Price Evaluation of White Shirt Fabrics
13:45-14:00 (UK, GMT+1) 20:45-21:00 (BEIJING TIME)	<u>Shi-Qi Liu</u> , Liang Ma, Ri-Hong Zheng, Xiao-Min Shen, Mao-Nan Bai, Chu-Yao Lin	Comprehensive Analyze Based on Questionnaire Survey and FIALA Model of the Cold Protection needs of Power Supply Professionals in Alxa Region
14:00-14:15 (UK, GMT+1) 21:00-21:15 (BEIJING TIME)	<u>Karolyn Ning</u> , Kit-Lun Yick, Annie Yu, Joanne Yip	Thermal Comfort of 3D Spacer Fabric for Footwear Insole Application
14:15-14:30 (UK, GMT+1) 21:15-21:30 (BEIJING TIME)	<u>Ming-Wei Sang</u> , Ming-Hai Cui	Barrier Free Integrated Wheelchair Trousers design
14:30-14:45 (UK, GMT+1) 21:30-21:45 (BEIJING TIME)	<u>Wen-Ying Qi</u> , Ming-Hai Cui	Emotional Expression Clothing Design based on Redox Discoloration Effect
14:45-15:00 (UK, GMT+1) 21:45-22:00 (BEIJING TIME)	<u>Jing Liu</u> , Li-Min Shi, Jin-hui Ren	Review of Clothing Research Progress on the Elderly
15:00-15:15 (UK, GMT+1) 22:00-22:15 (BEIJING TIME)	<u>Lan Zhang</u> , Si-Yu Li, Jing Guo	A Review on Anthropometry for Barrier Free Clothing
15:15-15:30 (UK, GMT+1) 22:15-22:30 (BEIJING TIME)	<u>Lu Liu</u> , Li-Min Shi, Jing Guo	Discussion on the Design of the Partitioning Line and the Looseness of the Formal Tops for the Wheelchair Users
15:30-15:45 (UK, GMT+1) 22:30-22:45 (BEIJING TIME)	Lan Zhang, Hao Zhang, Jing Guo, Hui Zhu, Chang-Kun Zhang, <u>Xin-Yi Lei</u> , Jia-Qi Chen	Research on the Barrier-free Design of Running Clothing for the Visually Impaired
15:45-16:00 (UK, GMT+1) 22:45-23:00 (BEIJING TIME)	<u>Qing-hong Huang</u> , Yi Li	Influence of Cotton and Polyester Fabric Structure Properties on Clothing Thermal Comfort
Panel Discussion (10 Mins)		

Thursday, September 8, Afternoon (Breakout Room B)

September 8, 2022 (Thursday)		
Breakout Room B		
Session B: Workshop - Intelligent Materials and Digital Health (IMDH)		
Session Chairs	Prof. Henry Yi Li (UK)	Prof. Hongnian Yu (UK)
Time Slot	Author Name	Paper Title
12:30-12:40 (UK, GMT+1) 19:30-19:40 (BEIJING TIME)	Prof. Henry Yi Li (UK)	Introduction to Intelligent Materials and Digital Health (IMDH)
12:40-12:50 (UK, GMT+1) 19:40-19:50 (BEIJING TIME)	Prof. Honghai Liu (UK)	Multi-modal Sensing and Understanding for Human Machine Systems
12:50-13:00 (UK, GMT+1) 19:50-20:00 (BEIJING TIME)	Prof. Hongnian Yu (UK)	Assistive Technologies in Healthcare
13:00-13:10 (UK, GMT+1) 20:00-20:10 (BEIJING TIME)	Prof. Huiru Zheng (UK)	Wearable Technology to Support the Self-management of Chronic Conditions.
13:10-13:20 (UK, GMT+1) 20:10-20:20 (BEIJING TIME)	Prof. Perry Xiao (UK)	Skin Bioengineering Measurement Technologies
13:20-13:30 (UK, GMT+1) 20:20-20:30 (BEIJING TIME)	Prof. Yongqing Fu (UK)	Flexible and Wearable Acoustofluidic Biosensing Platform Based on Thin Film Piezoelectrics with Human-Machine Inter-actions
13:30-13:40 (UK, GMT+1) 20:30-20:40 (BEIJING TIME)	Prof. Terry Ye (China)	Embroidered Electronics for IOT and Wearable Sensors
13:40-13:50 (UK, GMT+1) 20:40-20:50 (BEIJING TIME)	Dr. Maggie Zeng (UK)	Reimagining the future of digital healthcare: looking beyond a single technology to make a bigger impact
13:50-14:00 (UK, GMT+1) 20:50-21:00 (BEIJING TIME)	Dr. Po Yang (UK)	Advance Wearable Intelligence for Self-assessment of Parkinson's Disease in Free-living
14:00-14:10 (UK, GMT+1) 21:00-21:10 (BEIJING TIME)	Dr. Jichun Li (UK)	A Fully Automated Robot for the Preparation of Fungal Samples for FTIR Spectroscopy Using Deep Learning
14:10-14:20 (UK, GMT+1) 21:10-21:20 (BEIJING TIME)	Dr. Hui Huang (Singapore)	Flexible Electrodes and Printed Electronics for Wearable Sensors and Smart E-textiles
14:20-14:30 (UK, GMT+1) 21:20-21:30 (BEIJING TIME)	Dr. Hua Zhong (UK)	Personal comfort system review in built environment
14:30-14:40 (UK, GMT+1) 21:30-21:40 (BEIJING TIME)	Dr. Zekun Liu (UK)	Functionalized Fiber Sensors with High Sensing Reliability Towards Body Area Digital Sensing Networks
14:40-14:50 (UK, GMT+1) 21:40-21:50 (BEIJING TIME)	Dr. Lulu Xu (UK)	Electronic Textile-based Wireless Communication and Sensing Devices
Discussion (30 Mins)		