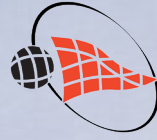


# TBIS 2021 Program at a glance (July 6 - 9)

Theme: Advanced Materials ▪ Smart Wearables ▪ Industry 4.0

Date	Time	Venue	Event/Session	Session Chair
Morning	10:00-14:00 (PARIS TIME) 16:00-20:00 (BEIJING TIME)	Registration Virtual room A	Registration, Enrolment and System Testing	TBIS Team
	<b>July 6, 2021 (Tuesday)</b>			
Morning	07:00-07:30 (PARIS TIME) 13:00-13:30 (BEIJING TIME)	Virtual room A	Enrolment and Zoom link available	TBIS Team
	07:30-08:00 (PARIS TIME) 13:30-14:00 (BEIJING TIME)	Open Ceremony	Opening Ceremony	TBIS Chief Secretary
<b>July 7, 2021 (Wednesday)</b>				
<b>COVID-19 Pandemic Control</b>				
Morning	08:00-08:30 (PARIS TIME) 14:00-14:30 (BEIJING TIME)	Plenary Session Virtual Room A	<b>Plenary Medal Lecture 1: Dr. Liya Ju (France)</b> Crisis of Anti-Covid Vaccines in France: Today and Future	Prof. Henry Yi Li (UK)
	08:30-09:00 (PARIS TIME) 14:30-15:00 (BEIJING TIME)		<b>Plenary Medal Lecture 2: Dr. Simon Annahcim (Switzerland)</b> Current Research and Development on Community Masks	
	9:00-9:30 (PARIS TIME) 15:00-15:30 (BEIJING TIME)		<b>Plenary Medal Lecture 3: Professor A. Blanton Godfrey/ Dr. Shaghaeigh Rezaei Arangdad (USA)</b> Rethinking Critical Processes for Combating a Pandemic	
<b>E-textile and Wearable Technologies</b>				
Morning	9:30-10:00 (PARIS TIME) 15:30-16:00 (BEIJING TIME)	Plenary Session Virtual Room A	<b>Plenary Medal Lecture 4: Professor Zijian Zheng (HK, China)</b> Porous Conductive Textiles for Wearable Electronics	Prof. Zijian Zheng (HK, China)
	10:00-10:30 (PARIS TIME) 16:00-16:30 (BEIJING TIME)		<b>Plenary Medal Lecture 5: Professor Youfan Hu (China)</b> Wearable Smart Sensor System	
	10:30-11:00 (PARIS TIME) 16:30-17:00 (BEIJING TIME)		<b>Plenary Medal Lecture 6: Professor Zhaogun Du (China)</b> Preparation, Characterizations and Application of Auxetic Functional and Smart Textiles based on Nanocomposites	
	11:00-11:30 (PARIS TIME) 17:00-17:30 (BEIJING TIME)		<b>Plenary Medal Lecture 7: Professor Masayuki Takatera (Japan)</b> Mechanical Properties of Fabric to be Considered in Simulation and Fabric Selection	
	11:30-12:00 (PARIS TIME) 17:30-18:00 (BEIJING TIME)		<b>Plenary Medal Lecture 8: Professor Bingqing Wei (USA)</b> Super-semiconductor: An Intriguing Conducting Material	
Afternoon	12:30-17:00 (PARIS TIME) 18:30-23:00 (BEIJING TIME)	Virtual Room A	<b>Session A: TBIS Regular Topics -Textile Materials and Engineering</b> <b>Medal Lecture: Dr. Xuqing Liu (UK), Dr. Dana Kremenakova (Czech Republic), Prof. Maobin Xie (China)</b>	Dr. Dana Kremenakova (Czech Republic)  Dr. Xuqing Liu (UK)
		Virtual Room B	<b>Session B-Workshop - SMDTex: Sustainability Management and Design for Textiles - A European Joint Doctorate Training Program</b>	Prof. Xianyi Zeng (France)
	13:00-16:00 (PARIS TIME) 19:00-22:00 (BEIJING TIME)	Virtual Room C	<b>ePoster Presentations Assessment Panel:</b> Professor Masayuki Takatera, Prof. Lijing Wang, Prof. Yan Chen, Prof. Aizheng Chen, Prof. Tetsuya Sato, Prof. Youfan Hu, Prof. Zhaogun Du, Prof. Rajesh Mishra, Prof. Xiaoqin Wang, Prof. Gang Li	<b>Panel Session Chair:</b> Prof. Masayuki Takatera <b>Vice Chair:</b> Prof. Lijing Wang, Prof. Aizheng Chen, Prof. Rajesh Mishra,
<b>July 8, 2021 (Thursday)</b>				
<b>Textile Sustainability</b>				
Morning	8:00-8:30 (PARIS TIME) 14:00-14:30 (BEIJING TIME)	Plenary Session Virtual Room A	<b>Plenary Medal Lecture 9: Professor Yan Chen (China)</b> Innovation and Sustainable Development of Apparel Engineering System	Prof. Xianyi Zeng (France)
	8:30-9:00 (PARIS TIME) 14:30-15:00 (BEIJING TIME)		<b>Plenary Medal Lecture 10: Dr. Lei Yao (HK, China)</b> Regenerate Material from Textile Waste	
	9:00-9:30 (PARIS TIME) 15:00-15:30 (BEIJING TIME)		<b>Plenary Medal Lecture 11: Professor David James Tyler (UK)</b> The Circular Economy for Textiles: Closing The Loop	
	9:30-10:00 (PARIS TIME) 15:30-16:00 (BEIJING TIME)		<b>Plenary Medal Lecture 12: Professor Tetsuya Sato (Japan)</b> Colour of Textiles and Clothing	
	10:00-10:30 (PARIS TIME) 16:00-16:30 (BEIJING TIME)		<b>Plenary Medal Lecture 13: Professor Xiaoqin Wang (China)</b> Solvent-Welding Fabrication of Silk Nanofibrous Aerogels for Environmental Applications	



# TBIS 2021 Program at a glance (July 6 - 9)

Theme: Advanced Materials ▪ Smart Wearables ▪ Industry 4.0

Date	Time	Venue	Event/Session	Session Chair
<b>July 8, 2021 (Thursday)</b>				
<b>Textile Functionality</b>				
Morning	10:30-11:00 (PARIS TIME) 16:30-17:00 (BEIJING TIME)	Plenary Session Virtual Room A	<b>Plenary Medal Lecture 14: Professor Lijing Wang (Australia)</b> Clothing System Design for Desired Thermal Comfort and Personal Protection	Prof. Jiri Miličky (Czech Republic)
	11:00-11:30 (PARIS TIME) 17:00-17:30 (BEIJING TIME)		<b>Plenary Medal Lecture 15: Professor Jiri Miličky (Czech Republic)</b> Characterization and Ultimate Strength of Hybrid Glass Tapes	
	11:30-12:00 (PARIS TIME) 17:30-18:00 (BEIJING TIME)		<b>Plenary Medal Lecture 16: Professor Uwe Reischl (USA)</b> Assessment of Electrostatic Potential Resulting from Friction between Fabric Samples made of Natural Fibers and Fabric Samples made of Synthetic Fibers	
Afternoon	12:30-17:30 (PARIS TIME) 18:30-23:30 (BEIJING TIME)	Virtual Room A	<b>Session A: TBIS Regular Topics -Clothing Engineering Medal Lecture: Dr. KyoungOk Kim, Dr. Xin Wang, Dr. Long Wu</b>	Dr. KyoungOk Kim (Japan)
	12:30-17:30 (PARIS TIME) 18:30-23:30 (BEIJING TIME)	Virtual Room B	<b>Session B: FBD Workshop: Fashion Big Data Business Model</b>	Prof. Xiani Zeng (France)
<b>July 9, 2021 (Friday)</b>				
<b>Textile Biomedical Engineering</b>				
Morning	07:30-08:00 (PARIS TIME) 13:30-14:00 (BEIJING TIME)	Plenary Session Virtual Room A	<b>Plenary Medal Lecture 17: Professor Xiumei Mo (China)</b> Electrospun Nanofiber and Nanoyarn for Hard and Soft Tissue Regeneration	Prof. Xiumei Mo (China)
	08:00-8:30 (PARIS TIME) 14:00-14:30 (BEIJING TIME)		<b>Plenary Medal Lecture 18: Professor Budimir Mijovic (Croatia)</b> Melt Electrospun Composite Scaffolds for Healing Burn Wounds	
	8:30-9:00 (PARIS TIME) 14:30-15:00 (BEIJING TIME)		<b>Plenary Medal Lecture 19: Professor Aizheng Chen (China)</b> Application of Supercritical Fluid Technology for Bio-imaging Guided Cancer Therapy	
	9:00-09:30 (PARIS TIME) 15:00-15:30 (BEIJING TIME)		<b>Plenary Medal Lecture 20: Professor Rajesh Mishra (Czech Republic)</b> Bio-Inspired Nano-textiles for Combating Future Challenges	
	<b>Advanced Materials and Technology</b>			
Morning	9:30-10:00 (PARIS TIME) 15:30-16:00 (BEIJING TIME)	Plenary Session Virtual Room A	<b>Plenary Medal Lecture 21: Professor Seung Kook An (Korea)</b> The Physical Properties of Hybrid Composite Materials for Strengthening Underwater Structures	Prof. Seung Kook An (Korea)
	10:00-10:30 (PARIS TIME) 16:00-16:30 (BEIJING TIME)		<b>Plenary Medal Lecture 22: Professor Yueqi Zhong (China)</b> Three-Dimensional Human Body Scanning and Measurement	
	10:30-11:00 (PARIS TIME) 16:30-17:00 (BEIJING TIME)		<b>Plenary Medal Lecture 23: Dr. Malgorzata Zimmiewska (Poland)</b> Evaluation of Functionality of Hemp Clothing	
	11:00-11:30 (PARIS TIME) 17:00-17:30 (BEIJING TIME)		<b>Plenary Medal Lecture 24: Professor Elsayed Elnashar (Egypt)</b> Establishing the Porosity into Membrane Multi-Layers Woven Fabrics on Water-Wastewater for Healthcare	
	11:30-12:00 (PARIS TIME) 17:30-18:00 (BEIJING TIME)		<b>Plenary Medal Lecture 25: Professor Guowen Song (USA)</b> An Approach to Achieve High-Performance Protective Gloves: Knowledge Gaps and Recent Advances	
Afternoon	12:30-17:45 (PARIS TIME) 18:30-23:45 (BEIJING TIME)	Virtual Room A	<b>Session A: TBIS Regular Topics -Textile Industry and Market Medal Lecture: Dr. Chunhong Zhu (Japan), Dr. Mohanapriya Venkataraman (Czech Republic), Aris Huang (China)</b>	Dr. Chunhong Zhu (Japan)
	12:30-17:45 (PARIS TIME) 18:30-23:45 (BEIJING TIME)	Virtual Room B	<b>Session B: TBIS Regular Topics -Textile materials and Engineering II Medal Lecture: Dr. Jiashen Li (UK), Prof. Gang Li (China), Dr. Jifu Mao (China)</b>	Dr. Jiashen Li (UK)
Afternoon	12:30-15:00 (PARIS TIME) 18:30-23:00 (BEIJING TIME)	Virtual Room C	<b>Fashion Big Data Meeting (Closed session, by invitation only)</b> - FBD Foundation General Assembly Meeting - EU Horizon Project Application International Cooperation Forum (EUH21-22)	Prof. Xianyi Zeng (France)

Wednesday, July 7, Morning (Room A)

Agenda/Venue	Time	Event/Session	Session Chair
<b>July 7, 2021 (Wednesday)</b>			
Virtual room A Open Ceremony	07:00-07:30 (PARIS TIME) 13:00-13:30 (BEIJING TIME)	Enrolment and Zoom link available	TBIS Team
	07:30-08:00 (PARIS TIME) 13:30-14:00 (BEIJING TIME)	Opening ceremony	TBIS Chief Secretary
<b>COVID-19 Pandemic Control</b>			
Plenary Session Virtual Room A	08:00-08:30 (PARIS TIME) 14:00-14:30 (BEIJING TIME)	<b>Plenary Medal Lecture 1: Dr. Liya Ju (France)</b> Crisis of Anti-Covid Vaccines in France: Today and Future	Prof. Henry Yi Li (UK)
	08:30-09:00 (PARIS TIME) 14:30-15:00 (BEIJING TIME)	<b>Plenary Medal Lecture 2: Dr. Simon Annaheim (Switzerland)</b> Current Research and Development on Community Masks	
	9:00-9:30 (PARIS TIME) 15:00-15:30 (BEIJING TIME)	<b>Plenary Medal Lecture 3: Professor A. Blanton Godfrey/Dr. Shaghaeygh Rezaei Arangdad(USA)</b> Rethinking Critical Processes for Combating a Pandemic	
<b>E-textile and Wearable Technologies</b>			
Plenary Session Virtual Room A	9:30-10:00 (PARIS TIME) 15:30-16:00 (BEIJING TIME)	<b>Plenary Medal Lecture 4: Professor Zijian Zheng (HK, China)</b> Porous Conductive Textiles for Wearable Electronics	Prof. Zijian Zheng (HK, China)
	10:00-10:30 (PARIS TIME) 16:00-16:30 (BEIJING TIME)	<b>Plenary Medal Lecture 5: Professor Youfan Hu (China)</b> Wearable Smart Sensor System	
	10:30-11:00 (PARIS TIME) 16:30-17:00 (BEIJING TIME)	<b>Plenary Medal Lecture 6: Professor Zhaoqun Du (China)</b> Preparation, Characterizations and Application of Auxetic Functional and Smart Textiles based on Nanocomposites	
	11:00-11:30 (PARIS TIME) 17:00-17:30 (BEIJING TIME)	<b>Plenary Medal Lecture 7: Professor Masayuki Takatera (Japan)</b> Mechanical Properties of Fabric to be Considered in Simulation and Fabric Selection	
	11:30-12:00 (PARIS TIME) 17:30-18:00 (BEIJING TIME)	<b>Plenary Medal Lecture 8: Professor Bingqing Wei (USA)</b> Super-semiconductor: An Intriguing Conducting Material	

## Wednesday, July 7, Afternoon (Room A)

July 7, 2021 (Wednesday)		
Session A: TBIS Regular Topics -Textile materials and Engineering		
Session Chairs	Dr. Dana Kremenakova (Czech Republic)	Dr. Xuqing Liu (UK)
Time Slot	Author Name	Paper Title
12:30-13:00 (PARIS TIME) 18:30-19:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Xuqing Liu (UK)	A Highly Effective $\pi$ - $\pi$ Stacking Strategy to Modify Fibre and Multiple Functionalization
13:00-13:30 (PARIS TIME) 19:00-19:30 (BEIJING TIME)	TBIS Medal Lecture: Dr. Dana Kremenakova (Czech Republic)	Hybrid Line Lighting System Containing Luminescent Layer
13:30-14:00 (PARIS TIME) 19:30-20:00 (BEIJING TIME)	TBIS Medal Lecture: Professor Maobin Xie (China)	Silk-Based Controllable Drug Delivery and Biomedical Applications
14:00-14:15 (PARIS TIME) 20:00-20:15 (BEIJING TIME)	<u>Eman Mustafa</u> , Abdel Salam Malek, Sherien El kateb, Sherwet El Gholmy, Adel El Geiheini (Egypt)	Prediction of Fabric Pilling Propensity of Woven Worsted Fabric Based on Regression Analysis and Artificial Neural Network
14:15-14:30 (PARIS TIME) 20:15-20:30 (BEIJING TIME)	<u>Julie Regnier</u> , Aurélie Cayla, Christine Campagne, Éric Devaux (France)	Discrimination of Conductive Metallic Yarns for Water Detection in Composite Membrane
14:30-14:45 (PARIS TIME) 20:30-20:45 (BEIJING TIME)	<u>Gui-Cui Chen</u> , Li-Feng Zhang, Lei Zhao, Ling Liu (China)	Preparation and Properties of Mulberry Fiber/ Sodium Alginate Composite Hydrogel
14:45-15:00 (PARIS TIME) 20:45-21:00 (BEIJING TIME)	<u>Hafiz Muhammad Kaleem Ullah</u> , Joseph Lejeune, Aurélie Cayla, Javier Vera-Sorroche, Christine Campagne, Eric Devaux (France)	Development of a Smart Textile to Improve Thermal Comfort
15:00-15:15 (PARIS TIME) 21:00-21:15 (BEIJING TIME)	<u>Imjoo Jung</u> , Sunhee Lee (South Korea)	Peel Property of 3D Printed Re-entrant/Textiles Composite Fabric Manufactured by Hot Pressing Conditions
15:15-15:30 (PARIS TIME) 21:15-21:30 (BEIJING TIME)	Li-Feng Zhang, <u>Gui-Cui Chen</u> (China)	Development of Miyabit/ Viscose/Wool Interwoven Leisure Fabric for Work Uniforms
15:30-15:45 (PARIS TIME) 21:30-21:45 (BEIJING TIME)	<u>Sundaramoorthy Palanisamy</u> , Veronika Tunakova, Mohanapriya Venkataraman, Daniel Karthik, Jakub Wiener, Jiri Militky (Czech Republic)	An Experimental Design of Conductive Nonwoven Strips for Electromagnetic Shielding
15:45-16:00 (PARIS TIME) 21:45-22:00 (BEIJING TIME)	<u>Song-Ning Jia</u> , Ming-Wei Sang, Ming-Hai Cui (China)	Research on Products Suitable for Humidity Optimization of Medical Protective Clothing
16:00-16:15 (PARIS TIME) 22:00-22:15 (BEIJING TIME)	<u>Muhammad Yousif</u> , Bilqees, Sadam Hussain, Sui-Bo Zhou, Jian-Chen Hu, Ke-Qin Zhang (China)	Endowing Electric Conductivity to Common Fabrics with Common Structures via Electroless Deposition Technique
16:15-16:30 (PARIS TIME) 22:15-22:30 (BEIJING TIME)	Yingchen Zhang, Zhenzhong Qiu, <u>Xianan Zhang</u> , Hongyan Wu, Qingsong Zhang, Zhiru Zhang, Jiahao Li, Jiaqing Zhao, Mengyao Pan (China)	Network Pharmacology-based Analysis of Cangzhu for the Treatment of Covid-19

## Wednesday, July 7, Afternoon (Room B)

July 7, 2021 (Wednesday)		
Session B-Workshop - Chaired by Prof. Xianyi Zeng		
SMDTex: Sustainability Management and Design for Textiles – A European Joint Doctorate Training Program		
Time Slot	Author Name	Paper Title
13:00-13:15 (PARIS TIME) 19:00-19:15 (BEIJING TIME)	Prof. Xianyi Zeng (France)	A Summary of the SMDTex International Doctorate Program
13:15-13:30 (PARIS TIME) 19:15-19:30 (BEIJING TIME)	<u>Ada Ferri</u> (Italy)	SMD-Tex Erasmus Mundus Joint Doctorate Programme: the Italian Perspective
13:30-13:45 (PARIS TIME) 19:30-19:45 (BEIJING TIME)	<u>Vincent Nierstrasz</u> (Sweden)	Overview of experiences and key outcomes at University of Borås Sweden of the Erasmus Mundus PhD program SMDTex (Sustainable Management and Design in Textiles), 2012-2021.
13:45-14:00 (PARIS TIME) 19:45-20:00 (BEIJING TIME)	<u>Carmen Loghin</u> (Romania)	SMDTex - TUIASI's experience
14:00-14:15 (PARIS TIME) 20:00-20:15 (BEIJING TIME)	<u>Yan Chen</u> (China)	Cooperation, Interaction and Innovation of the Graduation Training Practice- SMDTex in Soochow University
14:15-14:30 (PARIS TIME) 20:15-20:30 (BEIJING TIME)	<u>Petchprakai Sirilertsuwan</u> , Sébastien Thomassey, Xianyi Zeng, Yan Chen (France, China)	Beyond Organizational and Supplier Inclusion: How Living Wages Influence Manufacturing Locations
14:30-14:45 (PARIS TIME) 20:30-20:45 (BEIJING TIME)	<u>Mulat Alubel Abteu</u> , Pascal Bruniaux, François Bousso, Carmen Loghin, Irina Cristian, Yan Chen, Li-Chaun Wang (France, Romania, China)	Pattern Engineering for Customized Women Seamless Ballistic protection Vest on 3D Virtual Mannequin
14:45-15:00 (PARIS TIME) 20:45-21:00 (BEIJING TIME)	<u>Vijay Kumar</u> (Sweden)	Traceability in Textile Supply Chain-Learnings from Doctoral Project
15:00-15:15 (PARIS TIME) 21:00-21:15 (BEIJING TIME)	<u>Chandadevi Giri</u> , Xianyi Zeng, Yan Chen (France, China)	Data Driven Demand Forecasting for Sustainable Fashion Apparel Retail Industry
15:15-15:30 (PARIS TIME) 21:15-21:30 (BEIJING TIME)	<u>Yan Hong</u> , Xianyi Zeng, Pascal Bruniaux, Antonela Curteza, Yan Chen (France, Romania, China)	Development of an Intelligent Knowledge-Based Personalized Garment Design Support System for People with Atypical Morphology
15:30-15:45 (PARIS TIME) 21:30-21:45 (BEIJING TIME)	<u>Prisca Aude Eutioonat-Diffo</u> , Yan Chen, Jin-Ping Guan, Aurelie Cayla, Xian-Yi Zeng, Christine Campagne, Vincent Nierstrasz (Sweden, France, China)	Functional Textile Development Through 3D Printing onto Textiles
15:45-16:00 (PARIS TIME) 21:45-22:00 (BEIJING TIME)	<u>Sweta Iyer</u> , Vincent Nierstrasz, Nemeshwaree Behary (France, Sweden)	The Emerging use of Bioluminescence: An Overview and its Research for Application in the Field of Textiles
16:00-16:15 (PARIS TIME) 22:00-22:15 (BEIJING TIME)	<u>Ajinkya Powar</u> , Anne Perwuelz, Nemeshwaree Behary, Le Vinh Hoang, Thierry Aussenac, Carmen Loghin, Stelian Sergiu Maier, Jin-Ping Guan, Guo-Qiang Chen (France, Romania, China)	Decolorization of the Reactive Dyed Cotton Fabrics with the use of Ozone Assisted Eco-technology
16:15-16:30 (PARIS TIME) 22:15-22:30 (BEIJING TIME)	<u>Mohammad Neaz Morshed</u> , Nemeshwaree Behary, Jin-Ping Guan, Guo-Qiang Chen, Vincent A. Nierstrasz (Sweden)	Inorganic and Bio-catalyst Immobilization on Textile for Environment Remediation Application
16:30-16:45 (PARIS TIME) 22:30-22:45 (BEIJING TIME)	<u>Tarun Kumar Agrawal</u> (France, Sweden, China)	Towards Development of a Secured Traceability System for Textile Supply Chain - A Reflection and Summary of my Doctoral Thesis
16:45-17:00 (PARIS TIME) 22:45-23:00 (BEIJING TIME)	<u>May Kahoush</u> , Nemeshwaree Behary, Jin-Ping Guan, Aurélie Cayla, Vincent Nierstrasz (Sweden)	Eco-Technologies for Immobilizing Redox Enzymes on Conductive Textiles, for Sustainable Development
17:00-17:15 (PARIS TIME) 23:00-23:15 (BEIJING TIME)	<u>Molla Tadesse Abate</u> , Ada Ferri, Jin-Ping Guan, Guo-Qiang Chen, Vincent Nierstrasz (Italy, Sweden, China)	Supercritical CO2 Technology in Resource-effective Production of Functional and Smart Textiles
17:00-17:15 (PARIS TIME) 23:00-23:15 (BEIJING TIME)	Round table discussion - conclusion	

Thursday, July 8, Morning, (Room A)

Agenda/Venue	Time	Event/Session	Session Chair
<b>July 8, 2021 ( Thursday)</b>			
<b>Textile Sustainability</b>			
Plenary Session Virtual Room A	8:00-8:30 (PARIS TIME) 14:00-14:30 (BEIJING TIME)	<b>Plenary Medal Lecture 9: Professor Yan Chen (China)</b> Innovation and Sustainable Development of Apparel Engineering System	Prof. Xianyi Zeng (France)
	8:30-9:00 (PARIS TIME) 14:30-15:00 (BEIJING TIME)	<b>Plenary Medal Lecture 10: Dr. Lei Yao (HK, China)</b> Regenerate Material from Textile Waste	
	9:00-9:30 (PARIS TIME) 15:00-15:30 (BEIJING TIME)	<b>Plenary Medal Lecture 11: Professor David James Tyler (UK)</b> The Circular Economy for Textiles: Closing The Loop	
	9:30-10:00 (PARIS TIME) 15:30-16:00 (BEIJING TIME)	<b>Plenary Medal Lecture 12: Professor Tetsuya Sato (Japan)</b> Colour of Textiles and Clothing	
	10:00-10:30 (PARIS TIME) 16:00-16:30 (BEIJING TIME)	<b>Plenary Medal Lecture 13: Professor Xiaoqin Wang (China)</b> Solvent-Welding Fabrication of Silk Nanofibrous Aerogels for Environmental Applications	
<b>Textile Functionality</b>			
Plenary Session Virtual Room A	10:30-11:00 (PARIS TIME) 16:30-17:00 (BEIJING TIME)	<b>Plenary Medal Lecture 14: Professor Lijing Wang (Austria)</b> Clothing System Design for Desired Thermal Comfort and Personal Protection	Prof. Jiri Militky (Czech Republic)
	11:00-11:30 (PARIS TIME) 17:00-17:30 (BEIJING TIME)	<b>Plenary Medal Lecture 15: Professor Jiri Militky (Czech Republic)</b> Characterization and Ultimate Strength of Hybrid Glass Tapes	
	11:30-12:00 (PARIS TIME) 17:30-18:00 (BEIJING TIME)	<b>Plenary Medal Lecture 16: Professor Uwe Reischl (USA)</b> Assessment of Electrostatic Potential Resulting from Friction between Fabric Samples made of Natural Fibers and Fabric Samples made of Synthetic Fibers	

Thursday, July 8, Afternoon, (Room A)

July 8, 2021 ( Thursday)		
Session A: TBIS Regular Topics -Clothing Engineering		
Session Chairs	Dr. KyoungOk Kim (Japan)	Dr. Xin Wang (Australia)
Time Slot	Author Name	Paper Title
12:30-13:00 (PARIS TIME) 18:30-19:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. KyoungOk Kim (Japan)	Designing Key Points of Attractive Clothing for Mass Customization
13:00-13:30 (PARIS TIME) 19:00-19:30 (BEIJING TIME)	TBIS Medal Lecture: Dr. Xin Wang (Australia)	Fibre-based Nanocomposites with Enhanced Micro-nano Interface for Functional Textiles
13:30-14:00 (PARIS TIME) 19:30-20:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Long Wu (China)	Research on Dynamic Pressure Distribution of Women Wearing Sports Bra in Running State Based on Co-simulation
14:00-14:15 (PARIS TIME) 20:00-20:15 (BEIJING TIME)	<u>Ru-Yi Yang</u> , Yi-Fan Chen, Ming-Hai Cui (China)	Body Type Classification Research Based on Humpback
14:15-14:30 (PARIS TIME) 20:15-20:30 (BEIJING TIME)	<u>Bethany Richardson</u> , Yi Li (UK)	Designing Wearable Electronic Textiles to Detect Early Signs of Neurological Injury and Disease
14:30-14:45 (PARIS TIME) 20:30-20:45 (BEIJING TIME)	<u>Huan-Huan Liu</u> , Zhao-Hui Wang (China)	Research on Emotion Recognition of Heart Rate Variability for Smart Clothing
14:45-15:00 (PARIS TIME) 20:45-21:00 (BEIJING TIME)	<u>Si-Yu Li</u> , Qi Wang, Jing Guo, Jin-Hui Ren, Li-Min Shi, Wei-Wei Li, Ji-Hong Zhang (China)	Analysis of Comfort Assessment of Adaptive Jackets by Wheelchair Users of Different Types
15:00-15:15 (PARIS TIME) 21:00-21:15 (BEIJING TIME)	<u>Xiao-Ping Zhou</u> , Bo-An Ying, Long Wu, Jing Qi (China)	Finite Element Model Construction and Simulation Analysis of Shielding Effect of Electromagnetic Radiation Protective Clothing for Pregnant Women
15:15-15:30 (PARIS TIME) 21:15-21:30 (BEIJING TIME)	<u>Mei-Ru Du</u> , Bo-An Ying, Jing Qi, Long Wu (China)	The Construction of Dynamic Impact Model of Stab-resistant Panel with Different Layer Structure
15:30-15:45 (PARIS TIME) 21:30-21:45 (BEIJING TIME)	<u>Shu-Tian Duan</u> , Yu-Ting Fan, Ming-Hai Cui (China)	Research on the Pattern Structure of Sports Arm Guard Based on the Physical Properties of Elastic Fabrics and Pressure Changes
15:45-16:00 (PARIS TIME) 21:45-22:00 (BEIJING TIME)	<u>Xiao-Yan Zhuang</u> , Long Wu, Bo-An Ying, Jing Qi (China)	Construction and Application of Parameterized Model of Cheongsam Clothing Model
16:00-16:15 (PARIS TIME) 22:00-22:15 (BEIJING TIME)	<u>Ming-Wei Sang</u> , Song-Ning Jia, Ming-Hai Cui (China)	Study on the Structure of Internal-using Hygroscopic Workwear in Medical Protective Clothing
16:15-16:30 (PARIS TIME) 22:15-22:30 (BEIJING TIME)	<u>Jia-Jian Ma</u> , Bo-An Ying, Long Wu, Jing Qi (China)	Parametric Modeling of the Inner Surface of a Functional Bra Cup for Personalized Customization
16:30-16:45 (PARIS TIME) 22:30-22:45 (BEIJING TIME)	<u>An-An Zhang</u> , Jing Guo (China)	Study of Lower Limb Skin Extension and Adaptive Bottom Structure of Wheelchair Curlers

## Thursday, July 8, Afternoon, (Room B)

July 8, 2021 (Thursday)		
Session B-FBD Workshop: Fashion Big Data Business Model		
Session Chairs	Prof. Prof. Xiani Zeng (France)	Prof. Henry Yi Li (UK)
Time Slot	Author Name	Paper Title
12:30-13:00 (PARIS TIME) 18:30-19:00 (BEIJING TIME)	<b>Introduction: Host-UoM/ENSAIT</b>	Introduction and Welcome message, ENSAIT and UoM
13:00-13:30 (PARIS TIME) 19:00-19:30 (BEIJING TIME)	<b>Prof. Xianyi Zeng (ENSAIT, France)</b>	An Overview of FBD_BModel: Innovations Towards Textile Industry 4.0 via Digitalization and Intelligentization
Fashion Cloud Computational Interactive Design System (Fashion CC_IDS)		
13:30-14:00 (PARIS TIME) 19:30-20:00 (BEIJING TIME)	<b>Prof. Xianyi Zeng (ENSAIT, France)</b>	Introduction to FBD Fashion CC_IDS
14:00-14:15 (PARIS TIME) 20:00-20:15 (BEIJING TIME)	Shukla Sharma, Ludovic Koehl, Pascal Bruniaux, Xianyi Zeng (ENSAIT, France)	Intelligent Interactive Fashion Design System for Customized Garments: Recommendation, 3D Garment Visualization, Adjustment
14:15-14:30 (PARIS TIME) 20:15-20:30 (BEIJING TIME)	Zhujun Wang, Shukla Sharma, Ludovic Koehl, Pascal Bruniaux, Xianyi Zeng (ENSAIT, France)	Intelligent Interactive Fashion Design System for Customized Garments: 3D Garment Fitting, Design knowledge Base
Functional Cloud Computational Interactive Design System (Functional CC_IDS)		
14:30-15:00 (PARIS TIME) 20:30-21:00 (BEIJING TIME)	<b>Prof. Henry Yi Li (UoM, UK)</b>	Cloud Computational Interactive Design Systems-Linking Consumers with Fashion Supply Chain Business Partners Directly and Digitally
15:00-15:15 (PARIS TIME) 21:00-21:15 (BEIJING TIME)	Kuo Cao, Zhangchi Liu, Tim Jun Li, Yi Li (UK)	IT Architecture and Technology Platform for Digital Fashion Business Model in Bigdata Era
15:15-15:30 (PARIS TIME) 21:15-21:30 (BEIJING TIME)	Zhangchi Liu, Kuo Cao, Tim Jun Li, Yi Li (UK)	Data Services and Digital Fashion Business Model in Big data Era
15:30-15:45 (PARIS TIME) 21:30-21:45 (BEIJING TIME)	Tim Jun Li, Kuo Cao, Zhangchi Liu, Zhaoyang Yuan, Yi Li (HK, China)	API Design and Data Service Function for Digital Fashion Business Model in Bigdata Era
15:45-16:00 (PARIS TIME) 21:45-22:00 (BEIJING TIME)	Fengzhi Li, Yi Li (China)	Prediction of Human Thermal Physiological Response Based on Wiggers Diagram of the Cardiac Cycles
16:00-16:15 (PARIS TIME) 22:00-22:15 (BEIJING TIME)	Lihuan Zhao, Zhangchi Liu, Kuo Cao, Tim Jun Li, Yi Li (China)	Effect of Fabric Moisture Management Properties on Thermal Functional Performance of Men's Business Shirts
16:15-16:30 (PARIS TIME) 22:15-22:30 (BEIJING TIME)	Tianyu Kou, Zhangchi Liu, Kuo Cao, Tim Jun Li, Yi Li (UK)	Predicting Comfort Performance of Business Shirts in Different Wear Situation
16:30-16:45 (PARIS TIME) 22:30-22:45 (BEIJING TIME)	Xueying Liu, Zhangchi Liu, Kuo Cao, Tim Jun Li, Yi Li (UK)	The Effect of Membrane Position on Thermal Comfort of Men's Jacket
16:45-17:00 (PARIS TIME) 22:45-23:00 (BEIJING TIME)	Ranyi Tao, Zhangchi Liu, Kuo Cao, Tim Jun Li, Yi Li (UK)	The Effect of Garment Style on Thermal Comfort of Women's Coat
17:00-17:15 (PARIS TIME) 23:00-23:15 (BEIJING TIME)	Francesca Whitaker, Zhangchi Liu, Kuo Cao, Tim Jun Li, Yi Li (UK)	Exploring the Effect of Fabric Structure and Moisture Management Properties on the Thermal Comfort of Sportswear
17:15-17:30 (PARIS TIME) 23:15-23:30 (BEIJING TIME)	Qing-hong Huang, Zhangchi Liu, Tim Jun Li, Yi Li (UK)	Influence of Fabric Properties on Clothing Thermal Comfort under Different Environmental Temperatures



Friday, July 9, Morning, (Room A)

Agenda/Venue	Time	Event/Session	Session Chair
<b>July 9, 2021 (Friday)</b>			
<b>Textile Biomedical Engineering</b>			
Plenary Session Virtual Room A	07:30-08:00 (PARIS TIME) 13:30-14:00 (BEIJING TIME)	<b>Plenary Medal Lecture 17: Professor Xiumei Mo (China)</b> Electrospun Nanofiber and Nanoyarn for Hard and Soft Tissue Regeneration	Prof. Xiumei Mo (China)
	08:00-8:30 (PARIS TIME) 14:00-14:30 (BEIJING TIME)	<b>Plenary Medal Lecture 18: Professor Budimir Mijovic (Croatia)</b> Melt Electrospun Composite Scaffolds for Healing Burn Wounds	
	8:30-9:00 (PARIS TIME) 14:30-15:00 (BEIJING TIME)	<b>Plenary Medal Lecture 19: Professor Aizheng Chen (China)</b> Application of Supercritical Fluid Technology for Bio-imaging Guided Cancer Therapy	
	9:00-09:30 (PARIS TIME) 15:00-15:30 (BEIJING TIME)	<b>Plenary Medal Lecture 20: Professor Rajesh Mishra (Czech Republic)</b> Bio-Inspired Nano-textiles for Combating Future Challenges	
<b>Advanced Materials and Technology</b>			
Plenary Session Virtual Room A	9:30-10:00 (PARIS TIME) 15:30-16:00 (BEIJING TIME)	<b>Plenary Medal Lecture 21: Professor Seung Kook An (Korea)</b> The Physical Properties of Hybrid Composite Materials for Strengthening Underwater Structures	Prof. Seung Kook An (Korea)
	10:00-10:30 (PARIS TIME) 16:00-16:30 (BEIJING TIME)	<b>Plenary Medal Lecture 22: Professor Yueqi Zhong (China)</b> Three-Dimensional Human Body Scanning and Measurement	
	10:30-11:00 (PARIS TIME) 16:30-17:00 (BEIJING TIME)	<b>Plenary Medal Lecture 23: Dr. Malgorzata Zimmiewska (Poland)</b> Evaluation of Functionality of Hemp Clothing	
	11:00-11:30 (PARIS TIME) 17:00-17:30 (BEIJING TIME)	<b>Plenary Medal Lecture 24: Professor Elsayed Elnashar (Egypt)</b> Establishing the Porosity into Membrane Multi-Layers Woven Fabrics on Water-Wastewater for Healthcare	
	11:30-12:00 (PARIS TIME) 17:30-18:00 (BEIJING TIME)	<b>Plenary Medal Lecture 25: Professor Guowen Song (USA)</b> An Approach to Achieve High-Performance Protective Gloves: Knowledge Gaps and Recent Advances	

Friday, July 9, Afternoon, (Room A)

July 9, 2021 (Friday)		
Session A: TBIS Regular Topics -Textile Industry and Market		
Session Chairs	Dr. Chunhong Zhu (Japan)	Dr. Mohanapriya Venkataraman (Czech Republic)
Time Slot	Author Name	Paper Title
12:30-13:00 (PARIS TIME) 18:30-19:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Chunhong Zhu (Japan)	Photocatalytic Properties of Self-cleaning Fabrics Coated Through a Facile Method
13:00-13:30 (PARIS TIME) 19:00-19:30 (BEIJING TIME)	TBIS Medal Lecture: Dr. Mohanapriya Venkataraman (Czech Republic)	Approaches to Development of Thermal Insulation Layers
13:30-14:00 (PARIS TIME) 19:30-20:00 (BEIJING TIME)	TBIS Medal Lecture: Aris Huang (China)	The Distributed Traceability Model (APO) for Industrial Products Based on Blockchain Technology
14:00-14:15 (PARIS TIME) 20:00-20:15 (BEIJING TIME)	<u>Wei-Min Chang</u> , Le Chang (China)	A Study on the Figure of “Lotus Flower” on the Tibetan Buddhist Vestment “Da Gang”
14:15-14:30 (PARIS TIME) 20:15-20:30 (BEIJING TIME)	<u>Tong Liu</u> , Carolina Quintero Rodriguez (Australia)	Functional Values: How Usability, Quality and Uniqueness Influence Consumer’s Luxury Fashion Handbag Purchasing Intention
14:30-14:45 (PARIS TIME) 20:30-20:45 (BEIJING TIME)	<u>Zhao-Quan Chu</u> , Dong-Ping Wu, Xin-Er Bian, Jian-Mei Xu (China)	Modularization of the Overall Life Cycle for Silk Products and Their Carbon Footprint Accounting Model
14:45-15:00 (PARIS TIME) 20:45-21:00 (BEIJING TIME)	<u>Mizuki Yamakoshi</u> , KyoungOk Kim, Masayuki Takatera (Japan)	Strain Measurement of a Jacket for Different Amounts of Ease
15:00-15:15 (PARIS TIME) 21:00-21:15 (BEIJING TIME)	<u>Qian-Qian Sun</u> , Xiao-Dong Sun (China)	Future of the Garment Industry: AI Promoted Mass Customization
15:15-15:30 (PARIS TIME) 21:15-21:30 (BEIJING TIME)	<u>Shi-Yu Liu</u> , Guo-Xiang Yuan (China)	The Development of Virtual Fashion in the Global Clothing Industry
15:30-15:45 (PARIS TIME) 21:30-21:45 (BEIJING TIME)	<u>Ming-Xi Chen</u> , Guo-Xiang Yuan (China)	Sustainable Development Strategy for Ready-to-Wear

Friday, July 9, Afternoon, (Room B)

July 9, 2021 (Friday)		
Session B- TBIS Regular Topics -Textile materials and Engineering II		
Session Chairs	Dr. Jiashen Li (UK)	Dr. Jifu Mao (China)
Time Slot	Author Name	Paper Title
12:30-13:00 (PARIS TIME) 18:30-19:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Jiashen Li (UK)	Highly Porous Poly(L Lactic Acid) Nano Fibres and Applications
13:00-13:30 (PARIS TIME) 19:00-19:30 (BEIJING TIME)	TBIS Medal Lecture: Professor Gang Li (China)	Silk/magnesium Filaments Reinforced Nerve Guidance Conduits with Composite Structures
13:30-14:00 (PARIS TIME) 19:30-20:00 (BEIJING TIME)	TBIS Medal Lecture: Dr. Jifu Mao (China)	Structural Design and Surface Functionalization of the Surgical Sutures for Promoting Tissue Healing
14:00-14:15 (PARIS TIME) 20:00-20:15 (BEIJING TIME)	<u>Tao Yang</u> , Xiao-Man Xiong, Mohanapriya Venkataraman, Michal Petru, Jiri Militky (Czech Republic)	Application of Ergun-type Equation on Air Penetration Behavior Characterization of Nonwoven Fabrics
14:15-14:30 (PARIS TIME) 20:15-20:30 (BEIJING TIME)	<u>Bilqees</u> , Mujahid Mehdi, Muhammad Yousif, Wangkai Jiang, Yong Lin, Yuan Wei, Jian-Chen Hu, Ke-Qin Zhang (China)	A Flexible Bombyx Mori Silk Fibroin Film with Conductive Screen Printed AgNPs Pattern
14:30-14:45 (PARIS TIME) 20:30-20:45 (BEIJING TIME)	<u>Azam Ali</u> , Mehrukh Zehravi, Hira khaleeq, Muhammad Zaman Khan, Dana Kremenakova, Jiri Militky (Czech Republic)	Survival of Novel Coronavirus and Effectiveness of Copper Against Virus
14:45-15:00 (PARIS TIME) 20:45-21:00 (BEIJING TIME)	<u>Muhammad Zaman Khan</u> , Jiri Militky, Dana Křemenáková, Michal Petru, Sajid Faheem, Azam Ali (Czech Republic)	Antibacterial and UV Protection Properties of TiO <sub>2</sub> Nanoflowers Coated Fabrics
15:00-15:15 (PARIS TIME) 21:00-21:15 (BEIJING TIME)	<u>Xue-Li Lin</u> , Li-Min Shi, Qi Wang, Jin-Hui Ren, Jing Guo (China)	Performance Evaluation and Application of Hot-Spot Silver Fabrics
15:15-15:30 (PARIS TIME) 21:15-21:30 (BEIJING TIME)	<u>Sajid Faheem</u> , Nazia Nahid, Vijay Baheti, Muhammad Zaman Khan, Jiri Militky, Jakub Wiener (Czech Republic)	Evaluation Study of Radiant Heat Transmission through Cotton Fabric Finished with Biopolymer Based Flame Retardant
15:30-15:45 (PARIS TIME) 21:30-21:45 (BEIJING TIME)	<u>Daniela L Rondinone</u> , Kavita Mathur, Jessica, M. Gluck, A. Blanton Godfrey, Martin W. King (USA)	Addressing the Durability of Silver-based Antimicrobial Textile Technologies in Hospital Bed Sheets
15:45-16:00 (PARIS TIME) 21:45-22:00 (BEIJING TIME)	<u>Zekun Liu</u> , Yi Li (UK)	Highly Breathable, Anti-jamming Stretchable Strain Sensors for Full-range Body Sensing Networks

Friday, July 9, Afternoon, (Room C)

**Fashion Big Data Meeting** (Closed session, by invitation only)

**FBD Foundation General Assembly Meeting**

**Agenda:**

1. Introduction
2. Needs of multidisciplinary collaborations
3. Needs of cross industries collaborations
4. Needs of international collaborations
5. Existing international collaboration platforms
6. Needs to establish technical solutions oriented specialized international cross-disciplinary collaboration platform (CP)
7. Title, vision and mission of the international collaboration platform
8. Management and operational mechanisms of the CP
9. Funding and financial sources of the CP
10. Agreement and/or MoU of the CP

**EU Horizon Project Application International Cooperation Forum (EUH21-22)**

Round table discussion

12:30-15:00 (PARIS TIME)

Virtual Room C

18:30-23:00 (BEIJING TIME)

**Acknowledgement:**

TBIS 2021 organizing committee would like to take this opportunity to thank those who have volunteered and made significant contribution to the conference:

Kuo Cao, Zhongda Chen, Yangyang Fan, Lu Jin, Zhangchi Liu, Zekun Liu, Sirui Yao, Yangpeiqi Yi, Heng Zhai