

Fashion-Textiles-Wearables (FTW 2025)

FTW 2025 Programme

Day 1 (Monday, 28 April 2025)

Day 1		28 April 2025 First Floor Hall, King's House Conference Centre, Manchester, M1 7HB
9:00		Registration and Arrival Tea & Coffee
9:30		Plenary Session 1 (Textile Innovation) Welcome by Conference Chair <i>Dr. Abu Sadat Sayem, Editor - The Textile Institute Professional Publication Series</i>
	1	Keynote 1 - Stakeholders and applications of technical textiles: the dissolving boundaries with fundamental research <i>Professor Parik Goswami, University of Huddersfield</i>
	2	Life Cycle Assessment of Natural Fiber-Reinforced Composite Materials <i>Professor Marcin Barbarski, Lodz University of Technology</i>
10:40		Break
10:45		Technical Session 1A (Digital Fashion) <i>Chair - Professor Lynn M. Boorady, Oklahoma State University</i>
	3	Digital Versus Physical Fashion. A comparison of supply chain and profitability <i>Helga Behrmann and René Suhle, HTW Berlin</i>
	4	Bra Pattern Engineering Development for Adolescent Girls <i>Qiantong Chen, Kristina Brubacher, Simeon Gill and Lei Zeng, The University of Manchester</i>
11:40		Break
11:45		Technical Session 1B (Sustainable Textile & Fashion) <i>Chair - Professor Bastian Quattelbaum, Hochschule Niederrhein</i>
	5	Shifting Narratives: Analysing the Evolution of Circular Economy Discourse in Podcasts <i>Tulin Dzhengiz, Alaa Abed and Anne Purnima Gamage, Manchester Metropolitan University</i>
	6	Climate change resilient workplace safety management of the Sri Lankan Apparel Industry <i>Devathanthrige Janaka Chamara Harshana SENADEERA^{1*}, Abu Sadat Muhammad SAYEM¹, Walter LEAL FILHO², Grace FARHAT¹ and Haruna Musa MODA³</i> <i>1. Manchester Metropolitan University, 2. FTZ-Hamburg University of Applied Sciences, 3. University of Doha for Science and Technology</i>
12:40		Lunch

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13:40		Technical Session 1C (Textile Innovation) <i>Chair - Professor Banu Nergis, Istanbul Technical University</i>
	7	Analysis of the Vapour and Moisture Control Characteristics of Eli-Twisted Woven Fabric <i>Madan Lal Regar, National Institute of Fashion Technology (NIFT), Jodhpur</i>
	8	Sustainable Development Aspects and Challenges in the Production of Textile Reinforced Composites , <i>Tsegaye Lemmi¹, Marcin Barbarski¹, Rebecca Emmerich², and David Ranz³</i> <i>1. Lodz University of Technology, 2. RWTH Aachen University, 3. University of Zaragoza</i>
14:45		Break
14:50		Technical Session 1D (Textile Innovation) <i>Professor Marcin Barbarski, Lodz University of Technology</i>
	9	Modeling Thermal Performance of Disaster Tents Using Multi-Engineering Approach <i>Professor Banu Nergis, Istanbul Technical University</i>
	10	Synthesis and Application of Vinyl Sulphone Disperse Reactive Dyes for Eco-Friendly and Sustainable Dyeing Solutions <i>Chet Ram Meena, National Institute of Fashion Technology (NIFT), Jodhpur</i>
15:45		Break
15:50		Technical Session 1E (Digital Fashion) <i>Chair - Dr Farag Edghiem, Manchester Metropolitan University</i>
	11	Exploring Digital Fashion Across Multi-Digital Platforms: Insights into Consumer Behaviour and Identity Through the Lens of Embodiment <i>Yilu Li, London College of Fashion, University of Arts London</i>
	12	Exploring the Digital Body in Fashion Design: A Theoretical Inquiry into New Aesthetics and Form , <i>Yimiao Dai, Hye-Won Lim, Anja Connor-Crabb and Kevin Almond, University of Leeds</i>
16:45		
16:50		Technical Session 1F (Digital Textile) <i>Chair - Dr. Abu Sadat Sayem, Editor - The Textile Institute Professional Publication Series</i>
	13	Digital Textile Printing: Status Report 2024 <i>Professor Hitoshi Ujiie, Thomas Jefferson University</i>
17:30		End of Day 1

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Day 2 (Tuesday, 29 April 2025)

Day 2	29 April 2025 First Floor Hall, King's House Conference Centre, Manchester, M1 7HB	
9:00	Arrival Tea & Coffee	
9:20	Plenary Session 2 (Digital Fashion) Chair - Dr. Abu Sadat Sayem, Editor - The Textile Institute Professional Publication Series	
	1	Keynote 2 - Academia meets Industry: Shaping a Digitally Skilled Workforce Professor Lynn M. Boorady, Oklahoma State University
	2	Keynote 3 - How Human Interacts with AI for Better Fashion Professor Calvin Wong, CEO and Centre Director of AiDLab and Cheng Yik Hung Professor in Fashion at The Hong Kong Polytechnic University
10:30	Break	
10:35	Technical Session 2A (Wearable Technology) Chair – Professor Calvin Wong, CEO and Centre Director of AiDLab and Cheng Yik Hung Professor in Fashion at The Hong Kong Polytechnic University	
	3	Smart Textile Development with Multi-Material Inkjet-Printed Sensor Integration Julius Maximilian Scherf, Pavel Kulha, Georgios Kokkinis, Laurenz Berger and Pascal Stark, PROFACTOR GmbH
	4	Physiological contactless sensor system based on conductive textiles for automotive applications , Alireza Saidi ¹ , James Elber Duverger ¹ , Luiz Melo ¹ , Ghyslain Gagnon ² , Victor Bellemin ² , Geordi-Gabriel Renaud Dumoulin ² , Patricia Forcier ³ and Justine Decaens ³ 1. Institut de Recherche Robert-Sauvé en Santé et en Sécurité du Travail (IRSST), 2. Université du Québec, 3. CTT Group
11:30	Break	
11:35	Technical Session 2B (Sustainable Textile & Fashion) Chair – Professor Matthew Allen, Manchester Metropolitan University	
	5	Reprioritising textile "waste" routes: A new Textiles Resource Hierarchy Anna Pitt, Bethany Sugg, Alison Wibmer and Sarah Gray, WRAP, UK
	6	Analysis of pre- and post-consumer used textiles from the outdoor clothing sector with focus on chemical wool recycling Sabrina Mauter, Hochschule Niederrhein
12:30	Lunch	

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13:30		Plenary Session 3 (Digital Fashion & Sustainability) <i>Chair – Dr. Julfikar Haider, Manchester Metropolitan University</i>
	7	Keynote 4 - Digitalization Technologies in Circular Business Models: Help or Burden? <i>Professor Bastian Quattelbaum, Hochschule Niederrhein</i>
	8	Keynote 5 - Water-Health Nexus in Textile Industries <i>Professor Iqbal M Mujtaba, University of Bradford</i>
14:40		Break
14:45		Technical Session 2C (Sustainable Textile & Fashion) <i>Chair – Professor Iqbal M Mujtaba, University of Bradford</i>
	9	Invited Talk - Sustainable Textile Production <i>Mahbulul Alam Chowdhury, Executive Director, Masco Group</i>
	10	Transitioning Towards AI-Driven Circularity: A Fashion Value Chain Perspective <i>Courtney Chrimes and Charlene Gallery, The University of Manchester</i>
15:40		Break
15:45		Technical Session 2D (Textile Innovation) <i>Chair - Dr. Helga Behrmann, HTW Berlin</i>
	11	Transforming Fragmented Memories into Regenerative Fiber Art Using Boro Techniques <i>CHIH-MENG LI Ying-Chia Huang, Fu-Jen Catholic University</i>
	12	FACE (Fashion and the Arts Creating Equity): Equitable experiential learning opportunities for students with multiple marginalised intersectional identities <i>Gavin Douglas, Manchester Metropolitan University</i>
16:40		Break
16:45		Technical Session 2E (Textile Innovation) <i>Chair - Dr. Mazed Islam, University of Southampton</i>
	13	From Tactile to Emotional: Exploring Haptic Design with 3D-Printed Textiles <i>YIXIN LIU, Kingston University</i>
	14	Making Waves: Exploring the impacts of colour, print, and motif usage in women's competitive swimwear <i>Jennie Cook, Renee Lamb, Jacqueline Mullins, Virginia Commonwealth University</i>
17:30		End of Day 2

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FTW 2025 Programme Day 3 (Wednesday, 30 April 2025)

Day 3		30 April 2025 First Floor Hall, King's House Conference Centre, Manchester, M1 7HB	
9:00		Arrival Tea & Coffee	
9:20		Technical Session 3A (Sustainable Textile & Fashion) Chair - Dr. Tulin Dzhengiz, Manchester Metropolitan University.	
	1	Sustainable Luxury fashion and Textiles: Implementing Circularity in Upstream Manufacturing , Mazed Islam ¹ , Md Shamsuzzaman ² , Elaine Igoe ¹ , Eirini Bazaki ¹ and Abu Sadat M Sayem ³ , 1. University of Southampton, 2. World University of Bangladesh, 3. Manchester Metropolitan University	
	2	Embedding Experiential Learning in Sustainable Fashion Education: The Impact of Industry-Engaged Teaching in Sustainable Approaches to Fashion Business Kevin Harding and Lisa Taylor, The University of Manchester	
	3	Preserving the Sanctity and Sustainment of the Craft through Digitalisation Achanta Rajyalakshmi, National Institute of Fashion Technology, Telangana	
10:45		Break	
10:50		Technical Session 3B (Sustainable Textile & Fashion) Chair - Dr. Abu Sadat Sayem, Editor - The Textile Institute Professional Publication Series	
	3	Framing Informal Practices of Sustainability: Context-mapping Dress Culture in Rural Areas Aniko Gal, University of Ferrara	
	4	Optimising a textile manufacturing facility as demonstration site to reuse water and enhance wastewater management , Lewys Isaac ¹ and Manuel Romero ² 1. Primark, 2. Panta Rei	
11:45		Break	
11:50		Technical Session 3C (Sustainable Textile & Fashion) Chair - TBC	
	6	Nonwoven fabric for garment application: Evaluation of nonwoven fabric properties and relationship with pattern and apparel development Muhammad Cheema, Simeon Gill, Hugh Gong, Kristina Brubacher, The University of Manchester	
	7	Sustainable Mélange Textiles with Organic Cotton and Seaweed induced fibre: Production and Analysis , Akhtarul Islam Amjad, National Institute of Fashion Technology, Haryana,	
12:45		Lunch	



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13:35	Plenary Session 4 Publishing with The Textile Institute Professional Publication Series <i>Editor - The Textile Institute Professional Publication Series</i>
	Lunch