

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 Barburski, 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 – Dr. Prabhuraj Venkatraman, Manchester Metropolitan 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 , Tsegaye Lemmi ¹ , Marcin Barburski ¹ , Rebecca Emmerich ² , and David Ranz ³ <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 Barburski, 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 , Yimiao Dai, Hye-Won Lim, Anja Connor-Crabb and Kevin Almond, University of Leeds
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) <i>Chair - Dr. Abu Sadat Sayem, Editor - The Textile Institute Professional Publication Series</i>
	1	Keynote 2 - Academia meets Industry: Shaping a Digitally Skilled Workforce <i>Professor Lynn M. Boorady, Oklahoma State University</i>
	2	Keynote 3 - How Human Interacts with AI for Better Fashion <i>Professor Calvin Wong, CEO and Centre Director of AiDLab and Cheng Yik Hung Professor in Fashion at The Hong Kong Polytechnic University</i>
10:30		Break
10:35		Technical Session 2A (Wearable Technology) <i>Chair – Professor Calvin Wong, CEO and Centre Director of AiDLab and Cheng Yik Hung Professor in Fashion at The Hong Kong Polytechnic University</i>
	3	Smart Textile Development with Multi-Material Inkjet-Printed Sensor Integration <i>Julius Maximilian Scherf, Pavel Kulha, Georgios Kokkinis, Laurenz Berger and Pascal Stark, PROFACTOR GmbH</i>
	4	Physiological contactless sensor system based on conductive textiles for automotive applications , Alireza Saidi ¹ , James Elber Duverger ¹ , Luiz Melo ¹ , Ghyslaine Gagnon ² , Victor Bellemin ² , Geordi-Gabriel Renaud Dumoulin ² , Patricia Forcier ³ and Justine Decaens ³ <i>1. Institut de Recherche Robert-Sauvé en Santé et en Sécurité du Travail (IRSST), 2. Université du Québec, 3. CTT Group</i>
11:30		Break
11:35		Technical Session 2B (Sustainable Textile & Fashion) <i>Chair – Professor Matthew Allen, Manchester Metropolitan University</i>
	5	Reprioritising textile "waste" routes: A new Textiles Resource Hierarchy <i>Anna Pitt, Bethany Sugg, Alison Wibmer and Sarah Gray, WRAP, UK</i>
	6	Analysis of pre- and post-consumer used textiles from the outdoor clothing sector with focus on chemical wool recycling <i>Sabrina Mauter, Hochschule Niederrhein</i>
12:30		Lunch

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Day 2 (Tuesday, 29 April 2025)

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>Mahbubul 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, Hyderabad
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