

Conference Programme

Day 1 Tuesday 28th February 2023

- 08:30 Registration
- 09:00 - 09:15 Welcome from Chair Dr Nazmul Karim, Centre for Print Research, UWE Bristol
- 09:15 - 09:45 Inaugural Lecture: Prof Sir Kostya Novoselov, National University of Singapore Materials for Futures
- 09:45 - 10:15 Keynote: Prof Zijian Zheng, The Hong Kong Polytechnic University, Porous Conductive Textiles for Wearable Electronics, Lecture Theatre
- 10:15 - 10:45 Keynote: Stephen Eichhorn, University of Bristol
Sustainable Cellulose Fibres for Textiles, Composites and Advanced Applications – In person
- 10:45 - 11:15 Break – Café / Atrium
- Session 1: New Materials for Future Textiles**
- 11.15 - 11.35 Invited Speaker: Dr Shayan Seyedin, University of Newcastle, MXenes to wearable fibre devices
- 11.35 - 11.55 Invited Speaker: Wei Yan, Nanyang Technological University, Singapore, Fiber Electronics for Fabric Computation
- 11.55 – 13.00 Academic Papers
- 13.00 - 14.00 Lunch - Café / Atrium
- 14.00 - 14:30 Keynote: Prof Steve Beeby, University of Southampton, Electronic Textile Technologies
- 14.30 - 15.00 Keynote: Dr Jun Chen, University of California, LA, Smart Textiles for Personalized Health Care
- 15.00 - 15.20 Break - Café / Atrium
- Session 2: Wearable electronic textiles (e-textiles)**
- 15.20 - 15.40 Invited Speaker: Theo Hughes Riley, Nottingham Trent University, Recent advances in the automated production of electronic yarns
- 15.40 - 16.00 Invited Speaker: Kai Yang, University of Southampton, E-textiles for wearable healthcare applications
- 16.00 – 18.05 Academic Papers
- 18.05 - 19.00 Poster session and welcome drinks

Day 2 Wednesday 1st March 2023

08:30 Registration

09:00 - 09:30 Keynote: Prof Stephen Russell, University of Leeds, Nonwovens now and for the future

09:30 - 10:00 Keynote: Prof Chris Carr, University of Leeds, Technologies to Minimise the Environmental Impact of Textiles

10:00 - 10:30 Keynote: Professor Prasad Potluri, University of Manchester

10.30 - 11.00 Break - Café / Atrium

Session 3: Technical Textiles / Functional Fibres

11.00 - 11.20 Invited Speaker: Muhammed Tausif, Leeds University, Fragmented Fibre Pollution from Textiles – The problem & Solutions

11.20 - 11.40 Invited Speaker: Dimitrios Papageorgiou, Queen May University of London, Self-powered ultrasensitive and highly stretchable temperature–strain sensing composite yarns

11.40 - 12.00 Invited Speaker: Elif Ozden Yenigun, Royal College of Arts, Rediscovery of Textile Practices for Sustainable Futures of Smart Wearables

12.00 – 13.25 Academic Papers

13.25 - 14.20 Lunch - Café / Atrium

14.20 - 14.50 Keynote: James Baker, University of Manchester, Graphene and 2D materials – The Route to commercialisation and in support of sustainability

14:50 - 15.20 Keynote: Gulshan Ara Munni H & M

15.20 - 15.50 Break - Café / Atrium

Session 4: Industry

15.50 - 16.10 Invited Speaker: Dr Mayank Gautam, Versarien, Graphene-Wear: From lab scale to commercialisation

16.10 - 16.30 Invited Speaker: Natalie Wilson, Shield360 Ltd, The Circularity Challenge - Sustainability in Protective Clothing

16.30 - 17.10 Academic Papers

19:00 Conference dinner at M Shed

Day 3 Thursday 2nd March 2023

- 08:30 Registration
- 09:00 - 09:30 Keynote: Jane Harris, Business of Fashion, Textiles & Technology (BFTT), London College of Fashion
- 09:30 - 10:00 Keynote: Professor Kate Goldsworthy, Chelsea College of Arts, University of the Arts London
- 10:00 - 10:30 Keynote: Prof Parikshit Goswami, University of Huddersfield, Product Innovation with Textiles: The Fundamentals and the Scope

10.30 - 11.00 Break - Café / Atrium

Session 5: Sustainable textiles manufacturing

- 11.00 - 11.20 Invited Speaker: Gwen Cunningham, Circle Economy, Building a just and circular textiles industry
- 11.20 - 11.40 Invited Speaker: Kirsi Niinimäki, Aalto University Finland, Circular economy and textiles
- 11.45 - 13.05 Academic Papers
- 13.05 - 14.00 Lunch - Café / Atrium
- 14:00 - 14.30 Keynote: Prof Anne Marr, University of Arts London, From sustainable to regenerative textiles: building inclusive communities and creating materials for change
- 14:30 - 15.00 Keynote: Prof Melik Demirel, Penn State University, Bio-enabled textiles: story of squitex
- 15.00 - 15.30 Break - Café / Atrium

Session 6: Circular Economy

- 15.30 - 15.50 Invited Speaker: Pammi Sinha, University of Leeds, The Current State of Market development for Post Consumer Textile Waste
- 15.50 - 16.10 Invited Speaker: Prof Veronika Kapsali, University of the Arts London, Lessons from Biology – what is the textile sector missing?
- 16.15 - 17.15 Academic Papers
- 17.20 Announcement of the poster, Conference closing remarks
- 17.30 Conference Close