

The 91st Textile Institute World Conference List of Posters

23rd – 26th July 2018 | Leeds, UK

Advanced Fibres and Materials Manufacture

ID	Title
66	A study of electrical percolation threshold about carbon black in polymer composites Dr Sang Young Yeo, Korea Institute of Industrial Technology, Republic of Korea
88	Fabrication and characterization of exfoliated chitosan-gelatin- montmorillonite nanocomposite nanofibers Dr Sima Habibi, Islamic Azad University, Yadgare Imam Khomeini (RAH) Shahr-e-Rey Branch, Iran
106	Investigation of thermal conductivity of 3D PET knits with different bio-ceramic additives Dr Vitalija Rubeziene, Center for Physical Sciences and Technology, Lithuania
181	Effect of bicomponent fibers on acoustical properties of spunmelt three-layered nonwovens Dr Dilan Canan Celikel, Gaziantep University, Turkey
240	The application of auxetic material for protective sports apparel Charlotte Moroney, Manchester Metropolitan University, UK
305	On-demand activation of an antimicrobial biomaterial for oral soft tissue regeneration Amy Smith, University of Leeds, UK
367	In-situ synthesis of nano silver inside chitosan nano fibrous web and its deposition on polyester nonwoven structure for water purification Rahul Gadkari, Indian Institute of Technology Delhi, India
407	Polyurethane/graphene nanocomposite based weather resistant and gas barrier films and laminated textiles for aerostat application Mr Bapan Adak, Indian Institute of Technology Delhi, India

Business

ID	Title
121	A model for adopting e-learning tools within the creative arts: a multiple stakeholder analysis Ryan Wilkinson, University of Huddersfield, UK
189	Environmental reporting: the way forward Dr Christina Wong, The Hong Kong Polytechnic University, Hong Kong
265	"How the competitiveness & sustainable development is reality through livelihood development & income increment in textiles MSMEs by cluster based approach?- an Indian case study" Dr Saumen Mapdar, Ministry of Textiles, India
302	OEM - manufacturer matrix for reviving the financial fortunes of the textile value chain Dr Debasish Banerjee, Blackstone Synergy Consulting Group Limited, Kenya

Characterisation and Instrumentation

ID	Title
87	Designing parameters for prosthetic grafts: analyzing the effects of stress and alcohol on medical grade polyester Dr Mashiur Rahman, University of Manitoba, Canada
384	The extent of use of scanning electron microscopy in textile research and its reproducibility Michael Brookes, University of Leeds, UK
419	Realising nonwoven textiles as acoustic absorbents Neha Sharma, University of Salford, UK

Clothing

ID	Title
243	Assessment of carbon emission in garment sewing production process Xujing Zhang, Soochow University, China
248	Palestinian cultural heritage, symbolic costumes and textile designs Beissan Arafat, Manchester Metropolitan University, UK
360	Employers' perception of achieved competency delivered by trainers in preparing graduates for productive careers in textile/clothing industry in a developing country; Sri Lanka in perspective Prof Rohana Kuruppu, RMIT University/Brandix College of Clothing Technology, Sri Lanka
376	Healthcare solutions; the role of wearable textiles Andrea Izquierdo Ruiz, University of Manchester, UK
431	Thermal and Tactile Comfort of Nanofilament Fabric Musaddaq Azeem, Technical University of Liberec, Czech Republic

Colouration

ID	Title
92	Dyeing properties improvement of weld on corona discharge treated wool fabric Dr Aazam Talebian, Islamic Azad University, Iran Dr Aazam Talebian
109	Novel silk colouration by utilising metal chelation, oxidation or co-pigmentation of natural dyes Asuka Sato, College of Industrial Technology, Japan
196	Colour perception of clothes images: comparison between Thai and Japanese data Dr Saori Kitaguchi, Kyoto Institute of Technology, Japan
251	Study on properties of full deacetylated xanthan and its application in reactive printing Dr Lili Wang, Zhejiang Sci-Tech University, China
379	Improvement of hydrophilicity and water/oil repellency of polyester fabrics Dr Burcu Yılmaz Şahinbaşkan, Marmara University Turkey
338	Identification of a screen print approach for the application of multi-colour and pattern changing photochromic effects Dilusha Rajapakse, Birmingham City University, UK

Design & Fashion

ID	Title
192	Mechanical properties of Japanese and Scottish tweed fabrics Prof Machiko Murakami, Gifu City Women's College, Japan
255	A study of microbiological patterns applied in traditional wall-hanging designs Yajie Gao, University of Manchester, UK
257	Fast, lean and green fashion; integrating design with sustainability Caroline Gilbey, Ravensbourne, UK
281	The ultimate bag for life Laura Camerer Cuss, Stitchsmith, UK
284	Exploring indigenous West African fabric design in the context of contemporary global commercial production Richard Acquaye, University of Southampton, UK
321	Innovative light-emitting imaging on fabrics integrated with polymer optical fibre using laser micromachining technology Dr Frankie Ng, The Hong Kong Polytechnic University, Hong Kong

328 How can industry and technologists utilise the unique craft knowledge of weavers?

Sophie Zajicek, University of the West of England, UK

395 A systematic review of zero waste fashion construction techniques

Dr Hye-Won Lim, Birmingham City University, UK

Sustainability

ID	Title
90	Sustainable competitiveness in the urbanization economies of slow relational fashion networks in Taiwan Dr WenYing, Claire Shih, Hsuan Chuang University, Taiwan
169	Sustainable development of hemp industry: Lithuanian review Dr Vaida Jonaitiene, Kaunas University of Technology, Lithuania
193	Introduction of multi-dyes into metal-organic frameworks materials for highly efficient photodegradation of ultra-stubborn dyes under visible-light irradiation Dr Qing Li, Xi'an Polytechnic University, China
232	Development of nonwoven air filter for petrol and diesel engines Pranil Vora, D.K.T.E'S Textile & Engineering Institute, India
340	Introducing "Scoby" textiles to teens Gracie Matthews, St Cuthberts College, New Zealand
343	A study on antimicrobial efficiency of croton bonplandianum stems sap on cotton fabric Goutam Bar, National Institute of Fashion Technology, Bhubaneswar, India
350	Application of ethyl cellulose microcapsules with Helichrysum italicum essential oil onto modal and cotton fabric Prof Sandra Bischof, University of Zagreb, Croatia
366	From responsive design to sustainable systems: digital laser processing across the textile production cycle Dr Laura Morgan, Loughborough University, UK
374	Characterization of bamboo fibers underscoring node effects Irfan Iqbal, BG University, Bangladesh
382	Study on key problems and their features towards an industrial level of fashion remanufacturing Biruk Semu, University of Borås, Sweden
406	Investigation into the development of a durable and "degradable" binder for the inkjet printing of cotton Xenia Mutter, University of Leeds, UK

Textile Manufacturing

ID	Title
55	Cotton yarn production process parameters optimization Zeeshan Mohammad Ali, Baluchistan University of Information Technology engineering & management sciences, Quetta, Pakistan
76	Effect of yarn input tension and stitch cam setting on the dimensional parameters of circular knitted fabrics using ultrasonic technique Dr Sandip Mukherjee, National Institute of Fashion Technology, Kolkata, India
104	Research and improvement of the fuzzing and pilling performance of fabric made from polyester interlaced yarn. MD Rokibul Hasan, Wuhan Textile University, China
108	Significance of thermal shrinkage of heat-set polyester plain knitted fabric panels subjected to different thermal based processes H.A. Ayomi Enoka Perera, University of Moratuwa, Sri Lanka

170	Laccase immobilization onto plasma treated polyethylene/polypropylene nonwoven for dye decolorization filter bag media Prof. So Hee Lee, Gyeongsang National University, Republic of Korea
256	Relating energy usage to fabric properties in the hydroentanglement process Dr Doice Moyo, Cape Peninsula University of Technology, South Africa
263	Effects of ozone washing treatment on the structure and mechanical properties of polyolefin elastic fibers Ms Gao Ke, Wuhan Textile University, China
270	Spinning of high hollow pet filaments and their physical property according to elution conditions Dr Ji Man Kang, Korea Textile Development Institute, Republic of Korea
295	Effect of loop structures on compression, friction and abrasion resistance of warp-knitted spacer fabrics Dr Yanping Liu, Donghua University, China
314	Determine the shear rigidity modulus for warp knitted non-crimp fabrics by picture frame test Dr Jinhua Jiang, Donghua University, China
315	Compression and permeability of fiber reinforced material in VIMP Prof Nanliang Chen, Donghua University, China