

**The 86th Textile Institute World
Conference
18 - 21 November 2008, Hong Kong**



Day 3: 20 November (0930 – 1225)

(Duration: 25 minutes including Q&A session. For keynote speech, total duration is 30 minutes)

TRACK 1B: FIBRE & POLYMER

Strategies for the Preparation of Conductive Textile Fibres for Smart and Functional Textiles

Mikael Skrifvars, Azadeh Soroudi

School of Engineering, University College of Borås, Sweden

Effect of Stretching Slenderization on Structure and Properties of Yak Hair

Liu Jian¹, Hu Yu-Bo¹, Yu Wei-Dong^{1, 2}

¹TMT Lab, College of Textiles, Donghua University; ²College of Garment and Art Design, Jiaying University, PRC

Durable Nanolayer Graft Polymerization of Textile Finishes Applied with High-Density Atmospheric Pressure Plasma

Ahmed El-Shafei¹, Peter Hauser¹, Hany Helmy²

¹North Carolina State University, USA; ²National Research Center, Egypt

A Study on the Entropy Change in Texturing

Jiang Yan¹, Wang Shanyuan²

¹Fashion institute Wenzhou University; ²College of Textiles, Donghua University, PRC

Performance of the Polyacrylonitrile Prepared by Vinylacetate as Comonomer Compared with Methyl Acrylate

Hu Xuemin^{1, 2}, Xiao Changfa¹, Jia Guangxia¹, Diao Caihong¹

¹Tianjin Municipal Key Laboratory of Fibre Modification & Functional Fibre, Tianjin Polytechnic University;

²School of Textile & Garments, Hebei University of Science & Technology, PRC

Research on Quantitative Analysis Methods of New Environmental Fiber Contents-polyactic Acid(pla) in Blended Products

Fu Ke-Jie¹, Li Zheng-Rong², Yang Li-Sheng¹, Feng Yun¹, Zhu Min¹

¹Ningbo Entry-exit Inspection and Quarantine Bureau of P.R.C; ²College of Chemistry and Chemical Engineering, Donghua University, PRC

TRACK 2B: ADVANCED PROCESSING TECHNOLOGY

Keynote Speech: An New Flame-retardant Finish of Cotton Based on Hydrotalcite Nano-sheets

Fei Bin, Yang Zongyue, Xin John H.

Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hong Kong

Influence of Fiber Characteristics and Yarn Structure on OE Yarns Unevenness

Jiří Militký¹, Dana Křemenáková², Sayed Ibrahim²

¹Dept. of Textile Materials, Textile Faculty, Technical University of Liberec; ²Dept. of Textile Technologies, Textile Faculty, Technical University of Liberec, Czech Republic

Advanced Visible Light Self-cleaning Treatment for Textile Materials

Wang RongHua, Xin John H.

Institute of Textiles & Clothing, The Hong Kong Polytechnic University, Hong Kong

The Role of Fusible Interlining in Improving the Recovery from Crease of Apparel Fabrics Measured at Different Directions

Mohammad Sabry¹, Heba A El-Dessouk²

¹Faculty of Applied Arts, Helwan University ; ²Faculty of Specific Education, Ain-Shams University, Cairo, Egypt

Mechanical Properties of Nano-fibers Bundle in Friction Spinning

Jung, H. Lim¹, Jong S. Kim¹, Beata Lemhan², You Huh³

¹Dept. of Textile Eng., Kyunghee Univ.; ²Dept. of Mech. Eng., TU-Dresden; ³Faculty of Mech. and Ind. Systems Eng., Kyunghee University, Republic of Korea

Effects of Filament Component Ratio on Characteristics of Rotor-Spun Component Yarns

Zhang Hai-Xia¹, Zhang Xi-Chang¹, Xue Yuan², Wang Shan-Yuan³

¹Department of Textiles, Henan Institute of Engineering; ²College of Clothing and Art Design, Jiaying University; ³College of Textiles, Donghua University, PRC

TRACK 3B: FASHION & TEXTILE DESIGN

Keynote Speech: An Inter-disciplinary Search for Innovation in Textile Design

Terence Kavanagh, Janette Matthews, John Tyrer

Loughborough University, UK

Blue Jeans: Yesterday, Today, Tomorrow

Angelo Paratico¹, Gail Taylor²

¹Candiani Denim (Far East) Hong Kong; ² Institute of Textiles & Clothing, The Hong Kong Polytechnic University, Hong Kong

Innovation in Fashion: Introducing a New Product Development Process in Design Education

Sanjay Gupta

National Institute of Fashion Technology, India

Croquis and Maquettes: Reconsidering Surface and Form

Jenny Underwood¹, Leanne Zilka²,

¹School of Fashion and Textiles, RMIT University; ²School of Architecture and Design, RMIT University, Australia

The Seduction of Lace; Vanity and Ostentation, Luxury Consumable or Erotic Fantasy

Gillian Proctor

De Montfort University, UK

The Imaginative Potential of Radio Frequency Identification Technology for Designer Fashion and Creative Industries

Anne Creigh-Tyte
Kingston University, UK

TRACK 4B: INNOVATIVE TEXTILES

Insight into the Development of a Novel Single Layer Bandaging Regime for the Treatment of Venous Leg Ulcers

S.Rajendran, S.C.Anand

Centre for Materials Research and Innovation, The University of Bolton, UK

A Novel Intelligent Immersion Fabric Based on Hydrogels Coatings and its Properties Characterization

Liu Shu-Fang, Gu Zhen-Ya, Niu Jia-Rong, Zheng Zhen-Rong

College of Textiles, Tianjin Polytechnic University, PRC

Development of Nanometer Intellectualized Thermoregulation Sweater

Wang Xiu-chen, Hu Luo-yan, Li Ke-jing

Zhongyuan University of Technology, PRC

Research of Immersion-Resistant and Moisture-Permeable Smart Fabric and Theoretically Analysis of its Immersion-Resist and Property

Niu Jia-rong, Gu Zhen-ya

School of Textiles, Tianjin Polytechnic University, PRC

Comparative Study of the Influence of Textile Parameters on the Fatigue Behaviour of Woven Endovascular Prostheses with Pulsatile Flow and Pulsatile Pressure

ZHAO Hui-jing¹, WANG Lu^{1,2}, LI Yu-lin^{1,2}, LIU Xiao-yan¹, KING Martin^{1,3}

¹College of Textiles, Donghua University; ²The Key Lab of Textile Science & Technology, Ministry of Education; ³College of Textiles, North Carolina State University, PRC

Dyeing of Cotton with Carissa Carandas as a Natural Dye Source

Anjali S. Deshmukh¹, Vilas M. Patil²

¹Dept. of Textiles, Government Vidrbha Institute of Science and Humanities; ²College of Engineering and Technology, India

TRACK 5B: CLOTHING SCIENCE & TECHNOLOGY

Finite Element Modelling of Fabric Tensile Behaviour Using an Automatic Modelling Approach

H. Lin¹, M. J. Clifford¹, A. C. Long¹, M. Sherburn¹, R. Ramgulam², P. Potlur²

¹Faculty of Engineering, University of Nottingham; ²School of Materials, University of Manchester, UK

Anthropometric Data Analysis and Garment Sizing System for Indian Population

Deepti Gupta

Department of Textile Technology, Indian Institute of Technology, India

Defining Pattern Person Relationships and Measurements to Enhance Understanding in Pattern Construction

Simeon Gill

Manchester Metropolitan University, UK

Contribution to Anthropometric Surveys and Principal Comparisons of the Garment Size System

Darko Ujević¹, Blaženka Brlobašić Šajatović¹, Renata Hrženjak¹, Ksenija Doležal¹, Isak Karabegović², Vedrana Petrovečki³

¹Faculty of Textile Technology University of Zagreb; ²Technical Faculty of University of Bihać; ³School of Medicine, University of Zagreb, Croatia

Foam Moulding Performance and Conditions for Seamless Bra Cup

Yick Kit-lun, Yu Winnie, Ng Sun-pui, Yip Yiu-wan, Wu Long

Institute of Textiles & Clothing, The Hong Kong Polytechnic University, Hong Kong

Size to Fit: Development of Malaysian Sizing System for Children's Wear Using Factor Analysis and Cluster Technique

Norsaadah Zakaria¹, Jamil Salleh¹, Mohd. Nasir Taib², Yap Bee Wah³, Yong Yuan Tan⁴

¹Faculty of Applied Sciences, Universiti Teknologi Mara; ²Faculty of Electrical Engineering, Universiti Teknologi Mara; ³Faculty of Mathematic and Quantitative Sciences, Universiti Teknologi Mara; ⁴Jerasia Sdn Bhd., Malaysia

TRACK 6B: TECHNICAL TEXTILES; CLOTHING SCIENCE & TECHNOLOGY

Design Innovation: Sensors and Fabrication

Philip Breedon, Amanda Briggs-Goode, Sarah Kettle, Brenda Sparkes

College of Art & Design and Built Environment, The Nottingham Trent University, UK

A Novel Processing Technique for Thermoplastic Manufacturing of Biaxial Composites Reinforced with Pre-twist Hemp Strips

Xue Daoshun¹, Hu Hong^{1,2}

¹College of Textiles, Donghua University; ²Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hong Kong

Heterogeneity of the Internal Structure of Braided Composites

Akio Ohtani, Yuki Sasaki, Asami Nakai, Hiroyuki Hamada

Advanced Fibro Science, Kyoto Institute of Technology, Japan

New Approach to the Fabrication of Microencapsulated Fragrant Fabric

Kong Yee-Yee, Fei Bin, Xin John. H, Sun Xiao-Hong and Li Li

Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hong Kong

A Technology Enabled Garment System for the Active Ageing

Jane McCann¹, Jennifer Bougourd²

¹University of Wales, Newport UK; ² London College of Fashion, University of the Arts London, UK

The Fit Revolution: Is it to remain a virtual reality?

Penelope Watkins

London College of Fashion, Centre for Fashion Science, University of the Arts London, UK

TRACK 7B: MARKETING & RETAILING

Logistics for Mass Customized Knitted Garments

Jonas Larsson

Swedish School of Textiles, Sweden

A Preliminary Investigation of the Time Frame in Artistic Collaboration

Yuli Bai, Jeanne Tan, Jason Choi, Raymond Au

Institute of Textiles & Clothing, The Hong Kong Polytechnic University, Hong Kong

The Impact of China's Apparel Exports on their Asian Suppliers

Eve, Chan Man Hin, Au Kin Fan

Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hong Kong

Narrative Analysis: Implications for Fashion Trend Investigation

Bo Tsang

Northumbria University, UK

Apparel Quick Response Programmes with Minimum Quantity Constraints

Pui-Sze Chow¹, Tsan-Ming Cho¹, T.C.E. Cheng², Carol Maria Rego³

¹Institute of Textiles and Clothing, The Hong Kong Polytechnic University; ²Department of Logistics and Maritime Studies, The Hong Kong Polytechnic University; ³Department of Textile Engineering, Chemistry & Science, College of Textiles, North Carolina State University, USA

TRACK 8B: CLOTHING SCIENCE & TECHNOLOGY

An Analysis on the Relationship between Sewing Parameters and Fabric Parameters and of their Impact on Seam Quality (Part 1)

John Mcloughlin, Steven Hayes

Manchester Metropolitan University, UK

Rapid Detection of Fabric Defects Based on Texture Rule

Liu Zhe^{1,2}, Li Xiao-jiu¹

¹Tianjin Polytechnic University; ²Zhongyuan University of Technology, PRC

"Special Measures" as a way to Bespoke Corporate Clothing

K Riley¹, J Williams¹, M Otter²

¹De Montfort University; ²Allen & Douglas Corporate Clothing Ltd., UK

Evolutions of Ding Dai System in Dress Code in Qing Dynasty

Wang Yehong, Jiang Yan

Fashion Institute, Wenzhou University, PRC

Clothing Fitness under the determinants of Female Physical Attractiveness

Zhai Li-Li, Qian Xiao-Ming, Wang Rui, Wei He-Yue

Institute of Textile, Tianjin Polytechnic University, PRC

Computer Recognition of Woven Fabric Density

Liu Zhe^{1,2}, Li Xiao-Jiu¹

¹Tianjin Polytechnic University; ²Zhongyuan University of Technology, PRC