

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



**Day 4: 21 November (0930 – 1300)**

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

**TRACK 1D: FIBRE & POLYMER**

**Study of the Tensile Properties of Jute/Cotton Blended Yarns Using Weibull Distribution**

*Xia Zhao-Peng<sup>1</sup>, Yu Jian-Yong<sup>2</sup>, Cheng Long-Di<sup>3</sup>, Liu Li-Fang<sup>1</sup>, Wang Fei-Yan<sup>1</sup>*

*<sup>1</sup>College of Textiles, Donghua University; <sup>2</sup>Modern Textile Institute, Donghua University; <sup>3</sup>Key Lab of Textile Science & Technology, Ministry of Education, Donghua University, PRC*

**Study on Multiwalled Carbon Nanotube/Shape Memory Polyurethane Film**

*Meng Qinghao*

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

**Separation and Characterization of Wool Fibre Components by Ultrasonic Irradiation in Formic Acid**

*Fan Jie<sup>1</sup>, Yu Wei-Dong<sup>1,2</sup>*

*<sup>1</sup>TMT Lab, College of Textiles, Donghua University; <sup>2</sup>Jiaying University, PRC*

**Influence of Process Parameters on the Properties of VGCF/PP Composite Filament**

*Arobindo Chatterjee, B R Ambedkar, Department of Textile Technology, National Institute of Technology, India*

**Twist and Tensile Behaviour of Friction Spun Composite Yarn**

*S K Sinha<sup>1</sup>, R Chattopadhyay<sup>2</sup>, <sup>1</sup>National Institute of Technology; <sup>2</sup>Indian Institute of Technology, India*

**TRACK 2D: ADVANCED PROCESSING TECHNOLOGY**

**The Use of Atmospheric Plasma for Surface Modification of Fibre Assemblies**

*Aasim Ahmed<sup>1</sup>, Asif Imrar<sup>2</sup>*

*<sup>1</sup>Textile Research & Innovation Centre, Textile Institute of Pakistan; <sup>2</sup>Department of Textile Science, Textile Institute of Pakistan, Pakistan*

**Simulation of The Shape Changes Of Shape Memory Alloy (SMA) Wire Loops In Plain-knitted Fabric**

*Xu Lei<sup>1</sup>, Wang Rui<sup>1</sup>, Yang Qiu-Hong<sup>1</sup>, Yan Song<sup>2</sup>*

*<sup>1</sup>College of Textiles, Tianjin Polytechnic Univ.; <sup>2</sup>Yanfeng Key Automotive Safety Systems Co., Ltd., PRC*

**Determination of Knitted Fabric Density Using Image Processing Techniques**

*<sup>1</sup>Hend Ibrahim, <sup>1</sup>Ibrahim El-Hawary, <sup>1</sup>Adel El-Geiheini*

*<sup>1</sup>Textile Department, Faculty of Engineering, Alexandria University, Egypt*

**Integrated Approach for Yarn Twist Propagation in a Modified Low Torque Ring Spinning System**

*Bingang Xu, Tao Xiao-ming, Tao Hua, Charlotte Murrells*

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

### **Nonlinear Characteristics of the Bundle Flow in a Roller Drafting**

*Jong Sung Kim<sup>1</sup>, Chokri Cherif<sup>2</sup>, You Huh<sup>3</sup>*

*<sup>1</sup>Lab. of Intelligent Process and Control, Kyunghee University; <sup>2</sup>Department of Mechanical Engineering, TU-Dresden; <sup>3</sup>Faculty of Mechanical and Industrial Systems Engineering, Kyunghee University, Republic of Korea*

### **Knitting Scheme Development from Art to Science**

*Arkin Ng<sup>1</sup>, Jimmy K.C. Lam<sup>2</sup>*

*<sup>1</sup>Natalia Fashion Ltd.; <sup>2</sup>The Hong Kong Polytechnic University, Hong Kong*

## **TRACK 3D: TO BE CONFIRMED**

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## **TRACK 4D: ADVANCED PROCESSING TECHNOLOGY**

### **A New Assessing Method for Slub Distribution in the Slub-yarn fabric**

*Lu yuzheng<sup>1</sup>, Gao weidong<sup>2</sup>, Liu jihong<sup>1</sup>*

*<sup>1</sup>Creative Digital Media Research Center, Jiangnan University; <sup>2</sup>School of Textile and Garment, Jiangnan University, PRC*

### **The Effect of Cyclodextrins on the Fluorescent Whitening of Cellulosic Fabric**

*N. Kistamah<sup>1</sup>, C.M. Carr<sup>2</sup>, S. Rosunee<sup>3</sup>*

*<sup>1</sup>Department of Textile Technology, Faculty of Engineering, University of Mauritius; <sup>2</sup>Textiles & Paper, School of Materials, The University of Manchester; <sup>3</sup>Department of Textile Technology, Faculty of Engineering, University of Mauritius, Mauritius*

### **The Spinning Technology of Core-sheath Filament/Staple Composite Yarns**

*Xue Yuan, Yi Honglei, Chen Weixiong, Cao Yan*

*College of Clothing and Art Design, Jiaying University, PRC*

### **Some Aspects in Advancement of Textile Nanofinishing**

*Faheem Uddin*

*Textile Department, School of Science and Technology, University of Management and Technology, Pakistan*

### **Integrated Blow Room machine (Opener, Cleaner and Heavy Particle Separator)**

*Nauman Ahmad<sup>1</sup>, Dawood Mustafa Ghazali<sup>1</sup>, Aasim Ahmed<sup>2</sup>*

*<sup>1</sup>Textile Science, Textile Institute of Pakistan; <sup>2</sup>Textile Research and Innovation Centre, Textile Institute of Pakistan, Pakistan*

## **TRACK 5D: CLOTHING SCIENCE & TECHNOLOGY**

### **Keynote Speech: On Current Research Associated with Textile and Apparel Product Safety**

*David Brookstein, Herbert Barndt, John Pierantozzi*

*Institute for Textile and Apparel Product Safety, Philadelphia University, USA*

## **The Art of Wrinkle Free Garment Production**

*David F. Goodwin*

*Coats Ltd., UK*

## **Maximising of Industry Specific Technology Adoption Across the Fashion and Textiles Sector**

*Clare Hussey, UK*

## **Implementation of a Machine Breakdown Strategy using Total Quality Management and Statistical Process Control: A UK Perspective**

*S G Hayes, J McLoughlin*

*Dept. of Clothing Design & Technology, Hollings Faculty, Manchester Metropolitan University, UK*

## **Transplanar Water Transport Tester for Fabrics**

*Sarkar M. K., Fan J. T., Chen Q.*

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

## **Thermal and Moisture Performance of Competition Athletic Wear**

*Trevor Little, Rong Liu*

*College of Textiles, North Carolina State University, USA*

## **Objective Evaluation of Sewing Workplace**

*Prabir Jana<sup>1</sup>, Saugata Sarkar<sup>2</sup>, Bibhuti Bhusan Pradhan<sup>3</sup>*

*<sup>1</sup>Department of Fashion Technology, NIFT; <sup>2</sup>B.Tech. (Textile) and Master of Fashion Technology (Apparel Production), NIFT; <sup>3</sup>B.Tech. (Textile) and Master of Fashion Technology (Apparel Production), NIFT, India*

## **TRACK 6D: MANAGEMENT & EDUCATION**

## **Assortment Planning in Fashion Supply Chains – Substitutable Newsvendor Problems**

*Hajnalka Vaagen<sup>1</sup>, Stein W. Wallace<sup>2</sup>, Michal Kaut<sup>3</sup>,*

*<sup>1</sup>Molde University College; <sup>2</sup>The Chinese University of Hong Kong, Hong Kong; <sup>3</sup>Molde University College, Norway*

## **The Comparison between Capacity Utilization Ratios and Flexibility Levels in Ready-made Clothing in Turkey**

*Nurgül Kılınc<sup>1</sup>, Meral Akkaya<sup>2</sup>*

*<sup>1</sup>Vocational Educational Faculty, Selçuk Universit; <sup>2</sup>Technical Educational Faculty, Marmara University, Turkey*

## **Why Leadership?**

*Ralph G Bauer*

*Institute of Leadership & Management, UK*

## **Scope and Framework for Intellectual Property Rights Course in Retailing Education Program**

*A Srinivasa Rao*

*Department of Fashion Management Studies, National Institute of Fashion Technology (NIFT), India*

## **Globalised Fashion Curriculum and Ethical Production**

*Ena Brown<sup>1</sup>, Cassandra O'Connor<sup>2</sup>*

*<sup>1</sup>School of Art and Design, Nottingham Trent University; <sup>2</sup>School of Arts, Media and Education, University of Bolton, UK*

**Professional Publication Serving the Apparel Industry**

*Liu Lei*

*Fashion Books & Magazine Publishing Center, China Textile & Apparel Press, PRC*