

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



Day 2: 19 November (1400 – 1750)

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

TRACK 1A: FIBRE & POLYMER

Keynote Speech: A New Paradigm of Fiber Science and Engineering by Development of Biobased Materials

Yoshiharu Kimura

Department of Biomolecular Engineering

Director, Center for Fiber and Textile Science

Director, R&D Center for Biobased Materials, Kyoto Institute of Technology, Japan

Cellulose, Past, Present or Future Textiles: Sustaining Our Desire for Natural Fibres

Dennis Waldron, John Williams

De Montfort University, UK

The Elasticity of Special-shaped Fibre Simulation by Hydromechanical Simulation Software

Hsiao-Chi Tsai, Chin-An Lin, Chi-Che Tung

Graduate Institute of Textile Engineering, Feng Chia University, Chinese Taipei

Characterization of Thermal Relaxations of High-strength Nylon 6 Fibres by DMA

Liu Jun-Jie¹, Yu Wei-Dong^{1, 2}

¹TMT, Lab, College of Textile, Donghua University; ² College of Garment and Art Design, Jiaxing University, PRC

Stinging Nettle (*Urtica dioica*) Fibres for Use in Textiles

Horne MRL, Harwood RJ, McCormick BP, Harwood JL

TEAM Research, De Montfort University, UK

Structures of Poly (ethylene/butylene terephthalate) Copolyesters under Isothermal Crystallization Conditions

Chia-Hsing Tung, Tien-Wei Shyr

Graduate Institute of Textile Engineering, Feng Chia University, Chinese Taipei

TRACK 2A: ADVANCED PROCESSING TECHNOLOGY

Keynote Speech: Observations on the Abrasion and Pilling Resistance of Nonwoven Fabrics made from Bicomponent Fibers

William Oxenham, Arash Sahbaee Bagherzadeh

College of Textiles, North Carolina State University, USA

Oe Cotton Yarns with the Content of Enzyme Modified Hemp Fibres

Czaplicki Zdzisław¹, Zaręba Stanisław², Kozłowski Ryszard¹, Szporek Jerzy²

¹Institute of Natural Fibres; ² Zamatex Sp. z o.o., Poland

Spinning Practice of False Twist Drafting in the Drafting Zone of Ring Spinning Frame

Fu Jiang¹, Yu Wei-Dong^{1,2}

¹ TMT Lab, College of Textiles, Donghua University ² Jiaxing University, PRC

Effect of Vortex Yarn Structure on the Fabric Mechanical and Tactile Characteristics

Sachiko Sukigara, Yukihiro Suzuki

Department of Advanced Fibro-Science, Kyoto Institute of Technology, Japan

Effect of Different Parameters on the Properties of Fancy Multicount Yarns

Shakeel Iqbal¹, P. Pramanik²

¹National Institute of Fashion Technology; ²S.G.G.S. Institute of Engineering & Technology, India

Dyeing Trials Using Supercritical CO₂ Fluid Technology in a Pilot Machine of Large Loading

J.M. Yu¹, Y.K. Lu¹, C.P. Ho, Y.T. Wong¹, X.H. Peng¹, Gordon Yen¹, Frank Lin², S.C. Chan², Raymond Chan², L.K. Yeung²

¹Fountain Set (Holdings) Ltd., Hong Kong; ²Hong Kong Production Council, Hong Kong

Study of Anti-yellowing properties of Electrospun Polymer Nanofibers on Polyurethane Foam

¹Joanne Yip, ¹S-P Ng, ²K-H Wong

¹Institute of Textiles & Clothing, The Hong Kong Polytechnic University; ²Department of Applied Physics, The Hong Kong Polytechnic University, Hong Kong

TRACK 3A: FASHION & TEXTILE DESIGN

Invited Speech: Utilisation of Traditional Dress: The Case of Slit and Kaba in Ghana

Kuma-Kpobee, M., Power, J., Otieno, R.

Manchester Metropolitan University, UK

Muller Modelling System, Examining and Developing the Conformity of Basic Body and Sleeve Models for Turkish Children at 3-6 Year Groups

Nurhan Özkan¹, Miyase Çağdaş²

¹Selcuk University, Faculty Of Vocational Education, Department Of Teaching Clothing Industry And Arts Of Clothing; ² Selcuk University, Faculty Of Vocational Education, Department Of Teaching Clothing Industry And Arts Of Clothing, Turkey

Research of Textile Design Based on System Theory

Li Hui-qin, Huang Gu

School of Textile Science and Technology, Tianjin Polytechnic University, PRC

The Study of Chinoserie in the 20th Century Western Fashion History

Yi-Meei WANG

National Taiwan University, Chinese Taipei

Consumer Influence on Fashion Colour Development - An Investigation on to the Role of the Consumer in Colour Forecasting and Fashion Design

Julie A. King

Department of Fashion & Textiles, De Montfort University, UK

The Reflections of Mevlana in Textile Designing

Miyase Çağdaş¹, Nurhan Özkar²

¹Selcuk University, Faculty Of Vocational Education, Department Of Teaching Clothing Industry And Arts Of Clothing; ² Selcuk University, Faculty Of Vocational Education, Department Of Teaching Clothing Industry And Arts Of Clothing, Turkey

Eco – Friendly Naturally Dyed Linen and Silk Fabrics – “Colour of Nature”

Katarzyna Schmidt-Przewozna, Jakub Kowalinski

Institute of Natural Fibres, Poland

TRACK 4A: INNOVATIVE TEXTILES

Keynote Speech: Mass Customising of Knitted Fashion Garments Factory Boutique Shima – Case Study

Joel Peterson

The Swedish School of Textiles, University College of Borås, Sweden

Functional Finishing of Cotton with Dual-stimuli-responsive Chitosan/Poly (N-isopropylacrylamide) Micro-hydrogels

Dražan Jocić, Audrey Tourrette, Pelagia Glampedaki, Marijn M.C.G. Warmoeskerken

Engineering of Fibrous Smart Materials (EFSM), Faculty of Engineering Technology (CTW), University of Twente, The Netherlands

Functionalizing Fabrics without the Use of Water and Solvents

Angelo Yializis, Gordon Goodyear

Sigma Technologies International, Tucson AZ, Antonio Vieira, CeNTI, Famalicão, USA

Highly Conducting Micro Fibers for Wearable Electronics

Willorage Rathna Perera¹, Gerald J. Maurett²

¹New Product Development; ²EY Technologies, Inc., USA

Flexible Polymeric Nanocomposite Electrodes and Their Applications

Wang Guang-Feng, Tao Xiao-ming

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

Smart Colorants for Textile

Sudeshna Datta Roy¹, M.L.Gulrajan²

¹National Institute of Fashion Technology; ²Department of Textile Technology, Indian Institute of Technology, India

Development of Non Wovens from Chicken Feather for Producing Value Added Product-Winter Jacket

K.Ramachandralu

Kumaraguru College of Technology, India

TRACK 5A: CLOTHING SCIENCE & TECHNOLOGY

Keynote Speech: Is Fabric Handle really a Measureable Quantity?

Ron Postle

School of Chemistry, University of New South Wales, Australia

Flatulence – State of Health of State of the Air in Underwater

D Waldron, J Williams

De Montfort University, UK

Comparison of Magnetic Compact and Pneumatic Compact Yarn and their Effect on Properties of Knitted Fabric

S. K. Soni, A. W. Kolhatkar

Department of Textile Engineering, Jawaharlal Darda Institute of Engineering & Technology, India

Development of an Eye-Patch Protector for Infants

Yick Kit-lun¹, Deng Yong-mei¹, Kwok Yin-lin¹, Wong Siu-chun², Yeung Chap-lap³

¹Institute of Textiles and Clothing, The Hong Kong Polytechnic University; ²The Hong Kong Queen Mary Hospital, Department of Paediatrics, ³Department of Paediatrics and Adolescent, The University of Hong Kong, Hong Kong

A Study on Heat Transfer and Thermal Protective Properties of Clothing Materials for Firefighters' Protective Clothing

Lin Li-Yen, Guo G.T.

Department of Testing and Certification, Taiwan Textile Research Institute, Chinese Taipei

Objective Handle Evaluation of Next-to-Skin Fabrics Knitted from Merino Wool

Henry Wang¹, Trevor J. Mahar¹, Ning Par², Ron Postle³

¹Division of Research & Development, Australian Wool Testing Authority Limited; ²Division of Textiles and Clothing, University of California; ³School of Chemistry, University of New South Wales, Australia

Development of an Advanced Personal Protective Equipment Garment for Protection against Slashes

S.C Anand, K Kanchi Govarthanam and S Rajendran, Centre for Material Research and Innovation, The University of Bolton, Bolton, UK

TRACK 6A: MANAGEMENT & EDUCATION

Beyond Separation: Managing Innovation In Textile Design

Katherine Townsend, Carol Jones

Nottingham Trent University, UK

Beauty is in the Eyes of the Beholders: Textile and Clothing Students' Conceptions of an Effective Teacher

Poon Tat-Hong Ted¹, Ho C.K. Danny²

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

Education in the Textile and Apparel Industry: Meeting the Needs of the Global Marketplace

Cagle Christine

College of Textiles, North Carolina State University, USA

Industrial Knowledge for Clothing Merchandisers Performing Vendor Sourcing

Chan Y. P. Catherine¹, Taylor G.¹, Ip W. C.²

¹Institute of Textiles and Clothing, The Hong Kong Polytechnic University; ²Department of Applied Mathematics, The Hong Kong Polytechnic University, Hong Kong

Supply Chain Management Applied in Taiwan Textile Industry

Chang Lei¹, Lin Mei-Chun¹, Lin Jir-Yar², Shyr Tein-Wei¹

¹Graduate Institute of Textile, Engineering, Feng Chia University; ² Department of Statistics, Feng Chia University, Chinese Taipei

The Future of Professional Qualifications

Helen Debra Rowe

Department of Clothing Design and Technology, Manchester Metropolitan University, UK

Identifying the Antecedants of Virtual Team Collaboration: An Empirical Observation in Textile Innovative Projects

Krista Ko Ka-Bo, Chester To Kin-Man, Zhang Zhi-Ming

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

TRACK 7A: MARKETING & RETAILING

Keynote Speech: The Promotion of Social Efficiency Measures through Corporate Social Responsibility Policies and their Influence on Apparel Purchase Behaviour

Heather Iwanow

Department of Clothing Design and Technology, Hollings Faculty, Manchester Metropolitan University, UK

A Study on Buffer Stock Management in a Children's Wear Retailer in Hong Kong:

Preliminary Findings

Pui-Sze Chow, Tsan-Ming Choi, Pik Kwan Chan, Na Liu, Ka-Yee Ho

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

Fast Consumers

Liz Barnes

Department of Textiles, Manchester University, UK

Perception of Luxury Fashion by Young Adult Consumers

George Bouvier

Manchester Metropolitan University, UK

Female Consumers' Perceptions of Service Quality for Intimate Apparel Retail Stores in Hong Kong

Joanne Yip, Bonny Kwan, W.Y. Cheung

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

Fast Fashion: A Marketing Tool?

Carly Wraeg, Liz Barnes

Manchester Metropolitan University, UK

"They are Skinny, Yet They are Fashionable!" – Another Kind of Menswear Study in Hong Kong

Ho Ching-Wan, Chan Tsz-Lin, Lam Yee Nee, Elita

The Hong Kong Design Institute, Hong Kong

The Antibacterial Property of Cotton-Polyester Blend Fabric Treated with Silver Nanoparticles

Subhas Ghosh, Sangeeta Yadav, Natalie Reynolds

Eastern Michigan University, USA

Performance of Flame Resistant Thermal Protective Textiles in the Presence of Oily Contaminants

Chathuri V. R. Mettananda, Elizabeth M. Crown

Department of Human Ecology, University of Alberta, Canada

Fabrication of Self-Cleaning Polyvinylidene Fluoride Film

Zhenrong Zheng, Zhenya Gu, Ruiting Huo, Yonghong Ye

College of Textiles, Tianjin Polytechnic University, PRC

The Influence of Non-Uniformities in the Textiles Structure on the Failure of Textile-based Vascular Prostheses

Xu Lu^{1,2}, Wang Lu^{1,2}, Martin W. King^{2,3}, Robert Guidoin⁴

¹Key Laboratory of Textile Science & Technology, Donghua University, PRC; ²College of Textiles, Donghua University, PRC; ³College of Textiles, North Carolina State University, USA; ⁴Department of Surgery, CHUQ, Laval University, USA

Estimation of the Critical Slipping Length of Fibers in Yarn: Theoretical Analysis

Yan Guangsong^{1,2}, Zhu Jinzhong², Yu Chongwen¹

¹College of Textiles, Donghua University; ²Henan Institute of Engineering, PRC

Study on the Chemical Method used for Decreasing the Permeability of Polyester Fabric

Jia Li-Xia^{1,2}, Wang Rui¹, Liu Jun-Mei²,

¹College of Textiles, Tianjin Polytechnic University; ²College of Textiles and Garment, Hebei University of Science and Technology, PRC

Microstructure and Properties of Electroless NI-CU-P Plating on Polyester Fabric

Guo Rong-hui, Jiang Shou-qiang, Yuen Chun-wah, Ng Man-ching, Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hong Kong