

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



Poster Presentations

FIBRE & POLYMER

PP01. Application of Fourier Transform Attenuated Total Reflection Infrared Spectroscopy to Identifying Archeological fiber

Cao Qiu-Ling^{1,2}, Zhu Su-Kang¹, Zhao Hui-Jing¹, Tu Heng-Xian¹

¹Donghua University; ²Henan Institute of Engineering, PRC

PP02. Morphological Characteristics of EB Treated Kenaf Fiber and Mechanical and Thermal Properties of Biocomposites

Choi Hae Young¹, Lee Jung Soon¹, Han Seong OK²

¹Chungnam National University; ²Korea Institute of Energy Research, Republic of Korea

PP03. Effect of Lauryl Alcohol Maleic Anhydride on Thermal Stability of Poly (Acrylonitrile-Methyl Acrylate)

Han Na, Zhang Xing-Xiang

Tianjin Polytechnic University, PRC

PP04. Preparation of Novel Pd/ γ -Al₂O₃ Nanofibre Nonwoven Based Catalyst

Kang Wei Min, Cheng Bo Wen, Li Quan Xiang

Tianjin Polytechnic University, PRC

PP05. Dyeability of Natural Dye (Alizarin) on PEI Treated Cotton Fabrics

Lee Bo Young, Kim Eun Ah, Ryu Hyo Seon

Seoul National University, Republic of Korea

PP06. A New Development and Research on Whisk Broom Fiber

Liu Liyan, Wang Rui, Ai Tianzi, Li Chao

Tianjin Polytechnic University, PRC

PP07. Evaluation of the Thermal Properties of Kermel and PBO fiber

Liu Xiao Yan¹, Yu Wei Dong^{1,2}, Tao Yu Kun¹, Wang Xiao Ling¹, Li Ying¹

¹ Donghua University; ²Wuhan Institute of Science and Technology, PRC

PP08. Durability and Waterproof Performance of Electrospun Polyurethane Nanoweb Coated with Polyurethane Dispersion

Park Chung Hee^{1,2}, Huh Mee¹, Shim Myoung Hee³, Ahn Hae Wook¹

¹Department of Clothing and Textiles, Seoul National University; ²Intelligent Textile System Research Centre, Seoul National University; ³Young Poong Filltex co., Republic of Korea

PP09. Preparation and Characterizations of Phase Change Material with Porous Membrane Structure

Ruan Ruping¹, Yu Wei Dong^{2,1}

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PP10. Research on Performance of Alkali Hydrolysis-Aged Silk Fabrics Coated with Chinese Lacquer

Wang Li Bing^{1,2}, Liu Hui¹, Tu Heng Xian¹

¹Donghua University; ²Qingdao University, PRC

PP11. Investigation on Sureface Characters of Hair Fibre of Cold-Resistant Animal

Zhang Hong Jie¹, Chen Zhen¹, Zhu Yin Lin¹, Du Zhao Qun¹, Yu Wei Dong^{1,2}

¹Donghua University; ²Jiaying University, PRC

PP12. Compare Shape Memory Fibre with Commercial Man-Made Fibres

Zhu Yong, Hu Jinlian, Hu Yang, Lu Jing, Yeung Lap Yan

The Hong Kong Polytechnic University, Hong Kong

FASHION & TEXTILE DESIGN

PP13. Colour Impression of Football Uniform Used in World Cup Football Game: Prediction Using Colour Emotion

Iwase Masanori, Kitaguchi Saori, Sato Tetsuya, Kajiwara Kanji

Kyoto Institute of Technology, Japan

PP14. Knitwear Design Based on Aran Motive and Concept of Spatial Continuity-Focusing on Theories of Bergson and Deleuze

Lee Yoon Mee¹, Jang Jung Im², Jekal Mee², Lee Youn Hee²

¹Hanyang Women's College; ²Hanyang University, Republic of Korea

PP15. Satisfaction & Wearing Discomfort of School backpack of Adolescents' Bag

Kang Noo Ri, Na Young Joo

Inha University, Republic of Korea

PP16. Shopping Bags as an Way of Expression of Brand Image?

Lee Ji Yun, Na Young Joo

Inha University, Republic of Korea

PP17. Design of Intelligent Healthcare Garment of Work-Related Pain Relief Based on the

Intarsia Knitting Technique

Li Li, Au Wai Man, Li Yi, Wan Kam Man, Wan Sai Ho, Wong Kwok Shing
The Hong Kong Polytechnic University, Hong Kong

PP18. An Analysis of the Technical and Artistic Characteristics of Jin-Silk with Inscription Unearthed from Xinjiang

Liu Hui¹, Kuang Yang Hua²

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PP19. Research on the Three-Dimension Sculpting of the Garment Fabric

Liu Su Qiong¹, Gao Wei Dong¹, Lu Yuzheng², Gu Ming³

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PP20. Analyzing the Dynamic Characteristics of Happening Colour

Pan Chun Yu¹, Gao Wei Dong¹, Ng M.C.F.²

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PP21. The History and Art Characteristics of Lu Brocade

Ren Xue Ling^{1,2}, Tu Heng Xian¹

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PP22. Design and Development of Wool/Bamboo Blended Knitted Fabric

*Shi Li-Min¹, Wang Xiao-Chun¹, Li Qiu-Yu¹, Wang Yue-Ping¹, Su Hai-Ping²,
Xing Sheng-Yuan³, Wu Jia¹*

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PP23. Performance of Colour in Professional Dress in Current Catering Industry

Li Li Ting, He Shui Lan

Academy of Arts & Design, Tsinghua University, PRC

PP24. Objective Assessment of Relationship Between Pressure Performance and Multiple Mechanical Properties of Compression Garment

Wang Yongrong, Zhang Peihua

Donghua University, PRC

PP25. Parameter Analysis in Fashion Embroidery Design

Zhang Yingchun, Ng Judyanna Yuet Ming, Tan Jeanne

The Hong Kong Polytechnic University, Hong Kong

PP26. Fractal-weave Design and its Application Based on IFS

Zhang Yu, Jin Yao

Zhejiang Sci-Tech University, PRC

ADVANCED PROCESSING TECHNOLOGY

PP27. Investigation of Antibacterial Effect of Benzalip on some Bacteria Observed on Acrylic Carpet by Spraying Method

Ashjaran Ali¹, Ghazi-saeidi Reza², Khajavi Ramir², Rashidi Abusaeid³

¹Islamic Azad University Shahre rey Branch; ²Islamic Azad University South of Tehran Branch; ³Islamic Azad University Science and Research Branch, Iran

PP28. Preparation of Colour Deepening Agent Based on Nanometer SiO₂/Silicone

Cui Young Zhu, Zhang Chi

Dalian Polytechnic University, PRC

PP29. Comparison of the Properties of Nu-Torque™, Conventional Ring, Compact and Vortex Yarns and Their Fabrics

Hua Tao, Tao Xiao Ming, Xu Bin Gang, Charlotte Murrells

The Hong Kong Polytechnic University, Hong Kong

PP30. Structure and Performances of Antheraea Pernyi Silk Treated With N-(2- Hydroxyl) Propyl -3- Trimethyl Ammonium Chitosan Chloride

Lu Yan Hua¹, Lin Hong², Chen Yu Yue², Zhang We³, Hao Xu¹

¹Eastern Liaoning University; ²Suzhou University; ³Yancheng Institute of Technology, PRC

PP31. A Novel Stabilizer of Hydration Silica Nano-Particles for Peroxide Bleaching

Song Xiaoqiu¹, ²Song Xiuyuan

¹Shanghai Institute of Technology; ²Donghua University, PRC

PP32. Simulating the Motion of Floating Fibres Based on Nonparametric Kernel Estimation of Cotton Fibre Length

Su Yu Heng, Zhao Chun Sheng; Henan Institute of Engineering, PRC

PP33. Tensile Characteristics of Rotor-Spun Composite Yarns

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

¹Henan Institute of Engineering; ²Jiaxing University; ³Donghua University, PRC

PP34. A Theoretical Study of Airflow Distribution at Compact Groove in Compact Spinning

Zhang Xi Chang^{1,2}, Yan Guang-Song^{1,2}, Cheng Long Di¹

¹Donghua University; ²Henan Institute of Engineering, PRC

CLOTHING SCIENCE & TECHNOLOGY

PP35. Garment Performance of the Stretch Fabrics By KES-FB and Fast Systems

Kim Seung jin, Park Jun Hyung, Park Mi Sung
Yeungnam University, Republic of Korea

PP36. The Physical Properties of Stretch Fabrics According to The Process Conditions

Kim Seung Jin, Choi Woo Hyuk, Kim Sang Ryong, Jo Jin Hwang
Yeungnam University, Republic of Korea

PP37. A Computer Simulation Study on the Using the Sampling Technique to Determine the Contamination Release in Garment Testing

Lin S.J¹, Lin C.H¹, Hu M.C¹, Jou G.T¹, Tsai Y.H², Chuang P.H²
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PP38. Measuring Methods of Bra Pressure

Ng Sun Pui, Au Albert, Zhou Jie, Yu Winnie
The Hong Kong Polytechnic University

PP39. Thermophysiological Comfort and Water Repellent Protection in Soft Shell Protective Clothing

Stevens Katy
University of Leeds, UK

PP40. A Study on the Application and Dyeing of Color Blue in Qing Court Costume

Wang Yehong¹, Liu Jiar²
¹Donghua University; ²China National Silk Museum, PRC

PP41. Case Analysis: Computer Simulation of Thermal Function of Three-Layer Winter Outdoor Sportswear

Wang Yongjin, Li Yi, Mok Pik Yin, Kwok Yi Lin, Mao Aihua, Wang Ruomei, Cao Mingliang
The Hong Kong Polytechnic University, Hong Kong

PP42. Melt-spun Carboxylic Multi-walled Carbon Nanotubes/Polyamide-66 Composite Fibers

Wang Zhi Miao, Zhang Xing Xiang, Bai Shi He
Tianjin Polytechnic University, PRC

INNOVATIVE TEXTILES; TECHNICAL TEXTILES

PP43. Studies on Shape-Adaptive Ability of Fabrics and its Testing Method

Chen Shao Juan^{1,2}, Ma Jian We², Sun Le², Su Jing²
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PP44. The Net Flow of Compressible Two-Phase Liquid in Textile Pores Induced by Ultrasonic

Chen Shao Juan¹, Ma Jian Wei², Xu Wenna³

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PP45. An Investigation of Water Transport Properties of RIB Based Knitted Fabrics

Chen Qing¹, Fan Jintu¹, Sakar Manas¹, Gaoming Jiang²

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PP46. Study of Pilling of Acrylic Fabrics and its Relationship with Initial Fibers Modulus

Hajilari. M¹, Esfandiari A.H.²

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PP47. Porosity Analysis of Nano and Classical Treated Nonwoven Cleaning Materials

Jovan Melita, Dubrovski Polona Dobnik

University of Maribor, Slovenia

PP48. Recognition Method for the Slub Yarn's Apparent Parameters Based on FFT

Liu Jihong, Lu Yuzheng

Jiangnan University, PRC

PP49. Influence of Textile Design and Processes on the Mechanical Properties of Woven Endovascular Prostheses

Liu Xiao Yan^{1,2}, Wang Lu^{1,2}, Li Yu Ling^{1,2}, Zhao Hui Jing^{1,2}, King Martin W.^{2,3}

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PP50. Weaving Technology on Folk Textiles – Lu Brocade

Ren Xue Ling^{1,2}, Zhu Su Kang¹

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PP51. A Prediction Method for Fabric Residual Bagging Height

Wang Dao-Hang, Zheng Jing Jing, Zhang Chen-Jiao, Zhou Xiao-Hong

Key Lab. Of ATMMT Zhejiang Sci-Tech University, PRC

PP52. Nano-Tex Finishes and Parameters of Nanometer Titanium Dioxide for Photocatalysis and the Degradation of Formaldehyde

Yang Jian Zhong, Jiang Hai Feng

Xi'an Polytechnic University, PRC

PP53. Dermal Functions of Cotton Fabrics Dyed with Extract of Unripe Citrus Grandis Osbeck

Yi Eunjou, Yoo Eun Sook, Hong Jung Yun

Cheju National University, Republic of Korea

PP54. Analysis of Hanging Aesthetic Feeling of Fabric Based on Cantilever Method

Yu Ye¹, Chen Lei¹, Du Zhao Qun¹, Yu Wei Dong^{1,2}

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PP55. Determination of Hanging Aesthetic Feeling of Fabric by Double-Ends Fixed and Single-End Fixed

Yu Ye¹, Chen Lei¹, Du Zhao Qun¹, Yu Wei Dong^{1,2}

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MARKETING & RETAILING; MANAGEMENT & EDUCATION; RESOURCE MANAGEMENT

PP56. The Analysis of Industry Value-Added in Taiwan Textiles

Cheng Kai Fang, Sheng Man Hua

Taiwan Textile Research Institute, Chinese Taipei

PP57. Transit Challenges for OBM: A Case Study of Taiwan SME

Chyr Sheau Yun, Taylor Gail, Hui Chi Leung Patrick

The Hong Kong Polytechnic University, Hong Kong

PP58. Strategic Development of Croatian Textile & Clothing Sector

Katovic Drago, Vukusic Sandra Bischof

University of Zagreb, Croatia

PP59. The Analyses of the Factors Affecting the Competitive Power of Ready-Wear Establishments in Turkey

Kilinc Nurgul¹, Akkaya Meral²

¹ Selçuk University; ² Marmara University, Turkey

PP60. A Study on Customer-Required Attributes of Middle-Aged and Aged Women's Formal Knitwear

Lee Yoon Mee¹, Park Nar², Park Jaeok²

¹Hanyang Women's College; ²Hanyang University, Republic of Korea

PP61. The Current Approach of Recycling of Second-Clothing as well as Perspective in China

Tao Hui, Wuhan University of Science and Engineering, PRC

PP62. Geographical Differences of Product Knowledge and Functional Requirements on Winter Outdoor Sportswear

Wang Yongjin, Mok Pik Yin, Li Yi, Kwok Yi Lin

The Hong Kong Polytechnic University, Hong Kong

PP63. A Study on the Impact of Consumer Innovativeness and Perceived Risk on Innovative Intimate Apparel Adoption

Yip Joanne, Kwan Bonny, Cheung Lisa

The Hong Kong Polytechnic University, Hong Kong

PP64. The Combination of Forecasting and Postponement Strategy for Apparel Supply Chain Management

Zhang Zhen Long, Leung Sunney, Fan Jin Tu, Mok Pik Yin, Wong Wai Keung

The Hong Kong Polytechnic University, Hong Kong

PP65. Exploring Rebranding in the Fashion Industry

Zheng Jinhui¹, Chan Priscilla Y.L.¹, Fu Guoqun², Au Raymond¹

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