

**For Immediate Release**

**Partnership Leads to Success**  
**HKRITA Creates Future Opportunities and Potentials**

Hong Kong, 12<sup>th</sup> April 2011, the Hong Kong Research Institute of Textiles and Apparel (HKRITA) has just held a two-day Innovation and Technology Symposium 2011 at Hong Kong Science Park. The symposium aims at fostering the latest technological advancement and direction in the textiles and clothing industry, as well as showcasing the success of R&D projects conducted by HKRITA. A number of honorable guests such as Miss. Janet Wong, Commissioner, Innovation and Technology Commission and Mr. Yang Donghui, Vice President, China National Textile and Apparel Council are invited to present on the first day of the event.

HKRITA provides an interactive platform to facilitate the communication among the industry players, researchers and scholars in the textiles industry. Dr. BAI Honghai, the Chief Executive Officer of the Polytechnic University Research and Technology Transfer (Shenzhen) Ltd, Prof Jiang Gaoming, Director of Engineering Research Center of Wrap Knitting Technology in Jiangnan University and Prof Tao Xiaoming, Chair Professor and Head of Institute of Textiles & Clothing in The Hong Kong Polytechnic University shared their experience in the latest research application and development, as well as technological transfer in fashion and textile technology. “Today’s symposium signifies the success of R&D projects and good quality research development requires time to nurture,” said Dr Harry Lee, Chairman, HKRITA.

Mr Yang Donghui, Vice President, China National Textile and Apparel Council presented the topic of “Repositioning China’s Textile Industry from Biggest to Strongest” to explain the current development of China’s textile industry and the importance of technological advancement in China. By fostering R&D projects, HKRITA aims to help the industry counterparts save production cost and energy consumption, and strengthen their edges and product quality in markets. The overall mission of HKRITA well matches Mr Yang’s today presentation, “turning China into a great power in textile industry largely relies on brand reputation, manpower, and developing sustainable edges.”

In recent years, the development of textile industry extends quickly as Prof Tao Xiaoming said, “The range of textiles industry is extensive, nowadays the scope of business development not only limits to clothing industry, but also applies in different categories such as construction work and health rehabilitation”. In the light of the fast moving trend in the industry, HKRITA has input innovation development of medical recovery products to meet the market demands of disabled and athletes. For example, “textiles needs of paraplegic and quadriplegic patients in paediatric hospitals” improves softness of handle to the fabrics for bedding and clothing with moisture management and anti-bacterial properties and an intelligent anti-sprain sport shoes make use of myoelectric stimulation theory to delete or stop sprain motion which is able to reduce the possibility of injury. Besides, the “fabric sensors for three dimensional surface pressure mapping” can be widely used in functional wear, health care equipment and building maintenance etc.

“Innovative energy and utility management system” applies advanced sensor technology to obtain and monitor real-time energy utilisation data (e.g. steam, water, electricity). By integrating the point-of-sales database of the fashion retail companies, the “smart fashion sales forecasting system” adopts artificial intelligence techniques to generate accurate and reliable mid-term sales forecasts to help fashion buyers conduct sales forecasting activities and buy plan development. “Quick testing sensor of formaldehyde” focuses on the quality assurance function to control the level of formaldehyde in the production process.

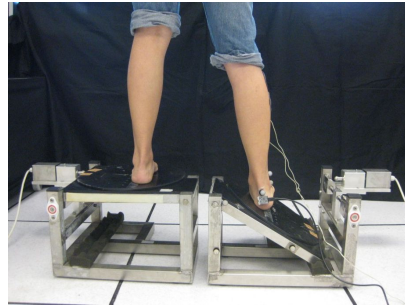
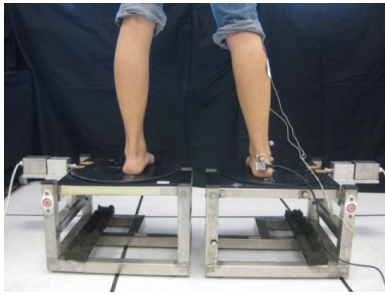
### **About The Hong Kong Research Institute of Textiles and Apparel**

HKRITA has impelled the development of R&D projects and successfully applied the technology to local clothing industry since 2006. Its core competencies include textile technology, textile chemistry, apparel technology, fashion and textile design, textile management, quality management, marketing, merchandising and fashion retailing.

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Related Photos



Intelligent anti-sprain sport shoes make use of myoelectric stimulation theory to delete or stop sprain motion.



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The “fabric sensors for three dimensional surface pressure mapping” can be widely used in functional wear, health care equipment and building maintenance.

For more photos and details, please browse the following:

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