



### **Topic of the Speech:**

Unleashing the Creative Potential: Textiles as Catalysts for Interdisciplinary Innovation and Commercialization Success

### **Professor Li Li**

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**Professor Li Li** is Professor in the Division of Integrative Systems and Design of The Hong Kong University of Science and Technology, Board of Director of The Hong Kong Research Institute of Textiles and Apparel Limited, the Fellow of Royal Society of Arts, former Associate Director of PolyU Academy for Interdisciplinary Research, and former Director of CR-PolyU Joint Research Institute for Carbon Neutral New Materials.

Her research interests include design thinking, functional textile design, and advanced manufacturing. She has strong collaboration with various local and international brands and textile companies. She has successfully secured over 70 projects, including General Research Fund of University Grants Committee, the Innovation and Technology Fund, funding from the National Natural Science Foundation of China and The Opening Fund of State Key Laboratory. The developed technologies and products are used for various commercial purposes with a total knowledge transfer value of more than HK\$ 350 million. She has also published over 120 research articles in world-leading and top-tier textile journals, and held 28 patents. Her research outcome is highly recognized by both academia and industry, generating a great impact on fashion business. With her achievement, she has won 38 prestigious international awards, including the Golden and Silver Award of the International Exhibition of Inventions of Geneva for three consecutive years.

Prof. Li has also committed herself to serve the education community as a specialist member of the Hong Kong Council for Accreditation of Academic and Vocational Qualifications (HKCAAVQ); as well as Design Admission Panel Members and Mentor (DAP) for the Hong Kong Design Centre's Design Incubation Programme (DIP) under the SAR Government's CreateSmart Initiative (CSI).

## ABSTRACT SUBMISSION

-FOR INVITED SPEAKER ONLY



### **Unleashing the Creative Potential: Textiles as Catalysts for Interdisciplinary Innovation and Commercialization Success**

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#### **ABSTRACT (NO MORE THAN 500 WORDS:)**

The field of textiles has long been associated with creativity, craftsmanship, and functional aesthetics. However, in an era of rapid technological advancements and ever-changing demands in various applications, it becomes imperative to reimagine the potential of textiles, a kind of soft material, beyond traditional applications. By emphasizing the power of its interdisciplinary collaboration, this talk, using Prof. Li Li's research examples, delves into how textiles can revolutionize the creative industry, drive commercial success, and unlock new opportunities for different sectors. Textiles are a versatile and powerful tool for creative design, offering a wide range of possibilities for designers and researchers across various disciplines. They can evoke emotions and tell stories through their tactile qualities, allowing for immersive and interactive experiences. Textiles can also provide opportunities for experimentation and innovation, with advancements in smart technology, material science, and sustainable design pushing the boundaries of traditional textile techniques and applications in fields like design, healthcare, agriculture, archaeology, and electronics. Moreover, the role of textiles in fostering collaboration between academia, industry, and creative professionals can stimulate innovative thinking and encourage cross-pollination of ideas. By nurturing a supportive ecosystem, the commercialization of textile innovations can accelerate and create a thriving creative industry.