



新聞稿 PRESS RELEASE

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CUHK TO DEVELOP AN IMAGE DATABASE FOR HK'S FASHION INDUSTRY

Fashionmongers will find shopping more convenient through an easy-to-use image retrieval computer system — from which graphic information of a wide choice of fashions can be retrieved.

The Chinese University of Hong Kong has won HK\$ 2.9 million of government funds for the development of an image database supporting content-based retrieval for Hong Kong's fashion industry.

The main objective of the project is to provide the technical expertise to design, implement, and deliver a content-based graphical query interface for a fashion image database.

Such an image database has flexible retrieval and manipulation methods with user-friendly interface, making Hong Kong's garment, textile, and fashion industry more competitive with the latest information technology.

With this image database, fashion designers and general consumers will have quick and easy access to fashion image databases that are based on approximate matching to fashion style, colors, texture patterns, etc.

In traditional databases, data items are retrieved by exact query of text and numbers. With the introduction of multimedia technology, users are required to know the text description of the image in order to retrieve digital images.

Image database overcomes this limitation by providing different ways to access these images through the use of their geometric shapes, color content, and textural patterns.

The research group consists of Dr Irwin King, Dr Ada Fu, Dr Laiwan Chan and Dr Lei Xu from the Department of Computer Science. Beginning this July, the project will last for two years.

For press enquiries, please contact Ms Ida Yuen of the University's Information & PR Office at 2609-8896 or 1168322 call 636.