

## Innovate Fashion & Textile Design with AI

### 結合人工智能開創時裝及紡織品嶄新設計

- Date 日期 : 9 / 9 / 2022 (Friday 星期五)  
Time 時間 : 2pm – 3pm  
Venue 地點 : Miniverse, Hall 1B, HKCEC  
香港會議展覽中心展覽廳 1B, Miniverse  
Speakers 講者 : Prof. Calvin Wong, Dr. Jeanne Tan & Ms Kim Wong  
Language 語言 : Cantonese 廣東話  
Admission 入場 : Free of charge, pre-registration required 免費參加 · 需預先登記

In addition to efficiency and accuracy, AI can also spark creativity. For fashion design, AI based system can generate unlimited design proposals based on an individual designer's or brand's historical designs and latest inspirations, while at the same time, capturing brand's essence. For textile or interior design, the unique computer vision-based intelligent textile system presents new opportunities to unleash designer creativity by providing interactive experience. On the front lines of AI in Fashion, AiDLab & industry experts will introduce the lab's first-in-market innovations in AI for design, including the AI based Interactive Design Assistant for Fashion (AiDA) and Intelligent Textile System, which offers audience actionable insights into how we can innovate with AI for fashion and textile design and stay on top in the rapidly evolving fashion market.

運用人工智能(AI)於設計上除了能提高效率和準確性外，還能激發創意靈感。在時裝設計方面，AI 系統可以根據設計師與品牌過往的設計和最新的靈感創造出無窮無盡、而同時又具有品牌特色的設計方案。在紡織品與室內設計上，以電腦視覺為基礎的智能紡織品系統透過互動體驗，為設計師帶來嶄新機會，釋放創作潛能。站在人工智能與時尚產業最前線的人工智能設計研究所(AiDLab)，將聯同業內專家介紹研究所多個市場首創、結合人工智能和設計的創新項目，包括「互動性人工智能時裝設計助理」( AiDA ) 與「人工智能光纖布」，為與會者提供切實可行的 AI 時裝與紡織品設計方案，於瞬息萬變的時裝市場保持領導地位。

# CENTRESTAGE

ASIA'S FASHION SPOTLIGHT

9-11 / 9 / 2022

Time 時間	Tentative Rundown 擬定程序
1:45pm – 2pm	Registration 登記
2pm – 2:20pm	<b>Presentation 演講</b>  Prof. Calvin Wong Chief Executive Officer & Centre Director, AiDLab Cheng Yik Hung Professor in Fashion, PolyU  黃偉強教授 人工智能設計研究所行政總裁及總監 兼 香港理工大學鄭翼雄時裝教授
2:20pm-2:30pm	<b>Panel Discussion 小組討論</b>  Prof. Calvin Wong Chief Executive Officer & Centre Director, AiDLab Cheng Yik Hung Professor in Fashion, PolyU  Ms Kim Wong Co-founder & CEO, Code-Create Limited  黃偉強教授 人工智能設計研究所行政總裁及總監 兼 香港理工大學鄭翼雄時裝教授  王劍虹女士 Code-Create Limited 聯合創辦人及行政總裁
2:30pm-2:50	<b>Presentation 演講</b>  Dr. Jeanne Tan Chief Operating Officer & Assistant Centre Director, AiDLab Associate Professor, School of Fashion and Textiles, PolyU  陳芊瑞博士 人工智能設計研究所營運總監及助理總監 香港理工大學時裝及紡織學院副教授
2:50pm – 3pm	<b>Q&amp;A Session 問答環節</b>

Organiser 主辦機構:



# CENTRESTAGE

ASIA'S FASHION SPOTLIGHT

9-11 / 9 / 2022

## About the Speakers 講者簡介



### **Prof. Calvin Wong**

Chief Executive Officer & Centre Director, AiDLab  
Cheng Yik Hung Professor in Fashion, PolyU

### **黃偉強教授**

人工智能設計研究所行政總裁及總監 兼  
香港理工大學鄭翼雄時裝教授

Prof. Wong is the founding director of the Laboratory for Artificial Intelligence in Design (AiDLab) which was jointly established by The Hong Kong Polytechnic University (PolyU) and the Royal College of Art (RCA) in the UK, and is funded by the HKSAR Government under the InnoHK Research Clusters. His main research focuses on integrating artificial intelligence (AI) with fashion and textiles, particularly in machine vision, pattern recognition and deep learning. He heads up the Textile and Apparel Artificial Intelligence (TAAI) Research Group at PolyU, which has been conducting both theoretical and applied research in AI for the fashion and textile industry since 2010.

He was selected by “Fashion for Good” to participate, as one of its Ten New Innovators, in the third round of its South Asia Innovation Programme. He collaborated with the Alibaba Group to establish the first-of-its-kind “FashionAI Dataset” to systematically analyse and label fashion images. This integration of machine learning and fashion knowledge has produced an unprecedented level of AI fashion understanding.

Prof. Wong has been ranked among the world's top 1% of most-cited scientists in the field of “Artificial intelligence & Image Processing”, according to an index compiled by Stanford University based on the “Updated science-wide author databases of standardised citation indicators”. He has published more than 150 research articles in Science Citation Index journals, including the world's leading journals in the AI field. In the past ten years, he received six international and regional innovation awards. He is frequently invited to deliver plenary, and keynote presentations at international conferences.

As a key pioneer in the integration of artificial intelligence with fashion and textile, Prof. Wong served as the Conference Chair of the world's first conference on the integration of fashion and artificial intelligence, “Artificial Intelligence on Fashion and Textile International Conference 2018” (AIFT).

黃教授是人工智能設計研究所 ( AiDLab ) 的始創總監。研究所由香港特別行政區政府 InnoHK 創新香港研發平台資助，並由香港理工大學 ( PolyU ) 和英國皇家藝術學院 ( RCA ) 共同建立。黃教授的主要研究領域包括人工智能 ( AI ) 在時裝及紡織領域的應用、機器視覺 ( Machine Vision ) 、模式識別 ( Pattern Recognition ) 和深度學習 ( Deep

Organiser 主辦機構:



# CENTRESTAGE

ASIA'S FASHION SPOTLIGHT

9-11 / 9 / 2022

Learning)。黃教授領導香港理工大學的紡織與服裝人工智能 (TAAI) 研究團隊，自 2010 年起，該團隊已專門為時尚及紡織行業進行有關人工智能 (AI) 的理論及應用研究。

黃教授獲「Fashion for Good」選為十位創新者之一，參與其第三輪南亞創新計劃。黃教授亦與阿里巴巴集團共同推出全球首個「FashionAI 數據集」，用作系統性分析和標記時裝圖像。透過結合機器學習與時裝知識，把人工智能 (AI) 對時裝的理解提高到前所未有的水準。

跟據史丹福大學按《科學界作者標準化引文指標數據庫》於所編制的名單，黃教授於人工智能 (AI) 和圖像處理 (Image Processing) 的學術領域中，獲列入為全球首 1% 被引文次數最多的科學家。黃教授已發表超過一百五十篇科學引文索引的論文，刊載於國際頂尖人工智能範疇的學術期刊。過去十年間，黃教授榮獲六個與研究相關的國際性和地區創新獎項。基於黃教授的科研成就，他經常獲邀成為國際學術論壇的主題演講嘉賓。

作為結合人工智能 (AI) 與紡織及時裝領域的先驅，黃教授於 2018 年創辦了全球首屆時尚與紡織人工智能國際會議 (AIFT)，並擔任會議主席。



## Dr. Jeanne Tan

Chief Operating Officer & Assistant Centre Director, AiD Lab  
Associate Professor, School of Fashion and Textiles, PolyU

## 陳芊瑞博士

人工智能設計研究所營運總監及助理總監 兼  
香港理工大學時裝及紡織學院副教授

Dr. Jeanne Tan is a textiles designer who uses AI as a medium to transform conventionally passive materials into an intuitive interactive platform. Her work balances craft and technology for seamless application within the contexts of interiors, fashion and rehabilitation.

Dr Tan's research interests include intelligent material design, interactive textiles for well-being, hybrid design processes and smart wearables. Her research had involved working collaboratively with institutions such as Hong Kong Sheng Kong Hui, The Society of Rehabilitation and Crime Prevention and New World Group's Humana.

Organiser 主辦機構:



# CENTRESTAGE

ASIA'S FASHION SPOTLIGHT

9-11 / 9 / 2022

Dr. Tan's award-winning creative works had been exhibited at the Victoria and Albert Museum, UK; collected as part of China National Silk Museum's permanent collection and showcased at venues such as London Design Week 2018, Museum Fünf Kontinente, Germany and Today Art Museum, China.

Dr Tan is often asked to speak about her research at venues and events such as Tedx, the Royal College of Art, UK; Parsons School of Design, USA and Hongik University, Korea. Her design work had been featured in international and regional media such as Harper's Bazaar, WGSN and Xinhua News. As a design consultant, Jeanne works with many companies and organizations to implement fashion, textile and creative education solutions, including LVMH Group (Celine, Givenchy, Kenzo, Loewe, Marc Jacobs), Nike, Alibaba, CLP Power Hong Kong Limited, The Hong Kong SAR Government (EMSD) and The Hong Kong Red Cross.

陳博士是一名紡織品設計師。她的作品以人工智能 ( AI ) 為媒介，把傳統、被動的織品轉化成純粹、自然的互動平台，應用於室內設計、時裝與復康保健的範疇，呈現出工藝和科技的完美平衡。她的研究方向包括智能物料設計、復康互動紡織品、混合設計流程以及可穿戴智能產品。陳博士與不同機構協作研究項目，包括香港聖公會、香港善導會和新世界集團的康健品牌「仁山優社」。

陳博士的得獎作品曾在英國維多利亞和阿爾伯特博物館(Victoria and Albert Museum)展出、被中國絲綢博物館納入為永久收藏品，並在 2018 年倫敦設計周、德國國立民族學博物館 (Museum Fünf Kontinente)和中國今日美術館展出。

陳博士亦經常被邀請到不同場所和活動分享研究理念和成果，包括 Tedx、英國皇家藝術學院 (RCA)、美國帕森斯設計學院(Parsons School of Design)以及韓國弘益大學等。陳博士的設計亦曾被刊登在國際和地區性的媒體上，例如時尚芭莎、WGSN 和新華網。

作為一個設計顧問，陳博士與多家公司和機構合作，推行時裝、紡織及創意教育的方案。合作單位包括法國路易·威登集團(Celine, Givenchy, Kenzo, Loewe, Marc Jacobs)、Nike、阿里巴巴、中華電力有限公司、香港特別行政區(機電工程署)和香港紅十字會。

Organiser 主辦機構:



# CENTRESTAGE

ASIA'S FASHION SPOTLIGHT

9-11 / 9 / 2022



**Ms Kim Wong**

Co-founder & CEO, Code-Create Limited

**王劍虹女士**

Code-Create Limited 聯合創辦人及行政總裁

Accomplished C-level business executive with extensive experience in the fashion and luxury goods industries, building business across China and APAC and leading operations for renowned fashion houses such as DFS USA, Lane Crawford, Burberry Asia, Brunello Cucinelli and Versace Asia Pacific.

Proven track record in conceptualizing and executing long-term strategic plans for brand management, merchandising, omni-channel retail operations, CRM, business development and marketing, with deep knowledge of fashion retail industry as Professor of Practice at Hong Kong Polytechnic University.

A visionary business leader with entrepreneurial mindset and hands-on management style, and effective communicator and catalyst. Adept at coaching and motivating diverse professionals to deliver breakthrough results, and in creating positive environments that promote creativity and effective problem solving.

王女士在時尚和奢侈品行業擁有豐富的高階管理經驗，於中國內地和亞太地區建立業務，並領導知名時裝公司的營運，包括美國 DFS、連卡佛、Burberry 亞洲、Brunello Cucinelli 和 Versace 亞洲等。

王女士擅於在品牌管理、採購、全渠道零售運營、客戶關係管理、業務發展和市場營銷等多個範疇，構思和執行長期發展策略，成就顯著。於香港理工大學擔任實務教授，對時尚零售行業有着深入的見解。

作為一個有遠見的商業領袖、有效的溝通者和推動者，王女士以企業家思維和親力親為的管治風格，指導和激勵不同的專業人士取得突破性成果，並為業界營造優良的環境，提升創意和有效地解決問題的能力。

**Remarks:**

- (1) Seats are limited and are granted on a first-come-first-served basis. 研討會座位有限，先到先得。
- (2) Pre-registered attendees have priority admission until 15 minutes before the event commences. Thereafter unoccupied seats may be made available to walk-in attendees. 已登記人士將獲安排優先入座，請各已登記人士於活動開始前 15 分鐘到達活動場地，此後主辦機構有權因應現場情況安排未登記人士入座。
- (3) The Organiser reserves the right to make any changes without prior notice. 主辦機構保留任何更改之權利而不作另行通告。

Organiser 主辦機構:

