應用XR技術賦能醫療保健行業邁向智能化與數據化研討會
XR Technologies Enabling Healthcare Industry Smartification and Digitization

免費研討會
Free Seminar

2024年4月26日 26 April 2024 14:30-17:45	九龍達之路78號 生產力大樓1樓演講廳1 Theatre 1, 1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon	廣東話及普通話 Cantonese and Putonghua	醫療保健行業中高層管理者 Middle and high-level management from healthcare industry

隨著科技不斷發展，醫療保健行業亦開始導入創新技術，以實現智能化和數據化轉型。為了進一步探討如何利用擴增實境（AR）、虛擬實境（VR）和混合實境（MR）等延展實境（XR）技術賦能醫療保健行業，生產力局將舉辦「應用XR技術賦能醫療保健行業邁向智能化與數據化研討會」，旨在向醫療保健行業界介紹XR技術在該領域的應用、技術概念、方法及案例研究。

研討會將分享這些新技術在醫療保健行業中的潛在優勢，例如運用AR實現手術導航和訓練、VR用於病人治療和康復、MR在醫學教育中等應用。

With the continuous development of technology, the healthcare industry has also begun to adopt emerging technologies to achieve smartification and digital transformations. In order to further explore how to empower the healthcare industry using Extended Reality (XR) technologies such as Augmented Reality (AR), Virtual Reality (VR), and Mixed Reality (MR), HKPC will hold the Seminar "XR Technologies Enabling Healthcare Industry Smartification and Digitization" which is aimed at introducing XR technologies applications, technical concepts, methods, and case studies in the healthcare industry.

The seminar will share the potential advantages of these new technologies in the healthcare industry, such as using AR for surgical navigation and training, VR for patient treatment and rehabilitation, and MR applications in medical education.

查詢 余先生 Mr YU | +852 2788 5631 | brendonyu@hkpc.org
Inquiry 梁小姐 Ms LEUNG | +852 2788 6335 | mikeleung@hkpc.org

活動流程 Activity Flow

時間 Time	內容 Content	講者 Speaker
14:30 – 15:15	XR技術在醫療康復的應用 Healthcare application in XR technologies • 虛擬實境(VR)精神治療系統 　VR Therapy x AI • 虛擬實境(VR)復康訓練系統 　VR Rehab training system	楊瀚博 Kevin Yeung 豐睿科技創始人 Founder of Radiance Tech
15:15 – 15:45	• 醫學/醫療學生面臨的主要挑戰 　The main challenges faced by the medical/healthcare students • 虛擬現實（VR）/增強現實（AR）技術如何在醫學教育背景下支持和提升學習 　How VR/AR technology can be used to support and enhance learning in the context of medical education • 將虛擬現實（VR）/增強現實（AR）技術整合到解剖學、組織學和生物化學的臨床前教育 　Effectively integrating VR/AR technologies into anatomy, histology, and biochemistry preclinical education	楊鑒 Dr YANG, Jian 香港大學生物醫學學院高級講師 Senior lecturer in the School of Biomedical Sciences
15:45 – 15:55	小休 Break	

活動流程 Activity Flow

時間 Time	內容 Content	講者 Speaker
15:55 – 17:05	應用增強現實（AR）/虛擬現實（VR）技術在醫療保健行業中的機遇和挑戰 The chances and challenge by applying AR / VR technology in healthcare industry • 基於液態金屬的柔性傳感器的概念介紹 Introduction to Liquid Metal-Based Flexible Sensors Application of Motion Capture • 基於柔性傳感器制備的動捕手套在醫學XR領域的應用 Gloves Based on Flexible Sensors in the Medical XR Field Application of Wearable • 基於柔性傳感器制備的可穿戴設備在醫學其他領域的應用 Devices Based on Flexible Sensors in Other Medical Fields	郭瀟聰 Guo Xiaocong 宇疊科技算法總監 Algorithm Director of UDEXREAL
17:05 – 17:15	小休 Break	
17:15 – 17:45	• 將擴展現實（XR）技術引入醫療保健領域，以實現更有效的運營、培訓和溝通 Bringing XR technologies into the healthcare sector for a more effective operation, training and communication • ARMM 醫院物業管理系統 ARMM Hospital Property Management System	Steven Cheng Co-founder of ASKAR. Senior Product Manager of Visionaries 777.
17:45	研討會結束 End of the seminar	

講者簡介 Speaker Introduction

豐睿科技－楊瀚博

楊瀚博先生是豐睿科技有限公司的創始人，公司專注於醫療保健和教育領域的虛擬現實/擴增現實技術開發。團隊於2018年成功進入數碼港創業培育計畫，並在2022年獲得了HKTech 300天使投資基金。楊先生持有數據分析與人工智慧碩士，並於2023年獲得了人工智慧研究獎學金。他在虛擬現實和擴增現實技術開發方面擁有專業知識，並擁有兩項與虛擬現實醫療相關的專利。

Radiance Tech – Kevin Yeung

Mr. Kevin Yeung is founder of Radiance Tech International Ltd. – specialised in VR/AR in Health care and Education development. His team successfully got into Cyberport Incubation program in 2018, achieved HKTech 300 angel fund in 2022. He possessed Master degree in Data Analytics & Artificial Intelligence, and acquired AI Research Scholarship in 2023, he has also professional knowledge in VR & AR development and have 2 patents related to VR Healthcare.

宇疊科技算法總監 – 郭瀟聰

宇疊科技是一家基於創新材料開發柔性傳感器及智能服裝的中國智造科技公司致力於虛擬現實技術、元宇宙領域的動作捕捉設備生產，集硬件、軟件研發能力於一體。
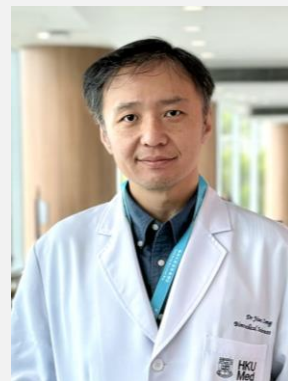
UDEXREAL - Guo Xiaocong

UDEXREAL is a Chinese smart manufacturing technology company that specialises in the development of flexible sensors and smart clothing based on innovative materials. The company is dedicated to the production of motion capture devices for virtual reality technology and the metaverse field, combining hardware and software research and development capabilities.

講者簡介 Speaker Introduction

香港大學生物醫學學院 - 楊鑒

楊博士是香港大學醫學院LKS生物醫學科學學院的高級講師，解剖學教育領域的專家，香港大學醫學院教育科技副主任，以及香港大學遺體捐贈計畫統籌人。他的研究專注於整合數字/移動技術，以增強解剖學和組織學實驗室的主動學習。他正在領導虛擬現實解剖實驗室和TechMezz的工作和發展。

HKUMed – Dr YANG, Jian

Dr YANG is a senior lecturer in the School of Biomedical Sciences, LKS Faculty of Medicine, leader in anatomy education, Deputy Director of EdTech HKUMed, and Coordinator of HKU Body Donation Programme. His research focuses on integrating digital/mobile technology to enhance active learning in anatomy and histology labs. He is leading the work and development of the VR anatomy lab and TechMezz.

ASKAR & Visionaries 777 - Steven S.M. Cheng

ASKAR在Steven CHENG的領導下創立，負責於房地產物業管理、酒店管理、醫療保健、零售和運輸等領域的業務發展。 Steven在Visionaries 777擔任高級產品經理長達5年，負責利用最新的AR/XR技術進行新產品開發。 Steven具超過18年的奢侈品牌行銷、媒體製作和軟體系統工程經驗，使Steven成為了一位多才多藝、業績卓著的專業人士。

Under the leadership of Steven CHENG, ASKAR Ltd has been established to spearhead business development initiatives across a diverse range of sectors, including property management, hospitality, healthcare, retail, and transportation. Serving as Senior Product Manager at Visionaries 777 Ltd, Steven has been responsible for driving new product development utilizing advanced AR/XR technology since 2019. With a career spanning over 18 years, expertise has been gained in luxury brand marketing, media production, and software system engineering, shaping Steven into a versatile and accomplished professional.

報名方法
Registration method

掃描右方QR code或點擊此處網上報名

有關入場二維碼將於活動開始前透過電郵發送予成功登記者。

Scan the QR code on the right or click here to register online.
The admission QR code will be sent via email to registered
participants prior to the start of the event.

支持機構 (排名不分先後)
Supporting organisations (in no particular order)

FITMI — 香港創新科技及製造業聯合總會
Hong Kong Federation of Innovative Technologies
and Manufacturing Industries

香港中小企經貿促進會
HONG KONG (SME) ECONOMIC AND
TRADE PROMOTIONAL ASSOCIATION

香港鑄造業總會
Hong Kong Foundry Association

HKAVRAR

HKPMA — Hong Kong Plastic
Machinery Association
香港塑膠機械協會

HKFCA

HKGIA

HK MMA 香港金屬製造業協會
THE HONG KONG METALS MANUFACTURERS ASSOCIATION

MDC HONG KONG 香港模具協會
Hong Kong Mould & Die Council
香港工業總會轄下 A FHKI Council

HKRMA | 40th ANNIVERSARY

香港汽車零部件工業協會
Hong Kong Auto Parts
Industry Association

HKPMA
Hong Kong Plastics
Manufacturers Association
香港塑膠業廠商會

IOTHK
香港物聯網

香港建造業分包商聯會
Hong Kong Construction Sub-Contractors Association