

INNOTECH OPEN DAY

理大創科開放日

16.7.2022 [SAT六]
9:30am - 5pm

📍 POLYU CAMPUS 理大校園

We invite innovation and technology entrepreneurs, industry partners, start-ups, researchers, young talents and students to join us on 16 July 2022 (Saturday) at the **PolyU InnoTech Open Day** (PolyU I&T Open Day). A signature event of PolyU's 85th Anniversary, the PolyU I&T Open Day will showcase our latest endeavours in interdisciplinary research, innovation, knowledge transfer and entrepreneurship for the benefit of Hong Kong, the Nation and the world.

The programme highlights include an inspirational talk by Sir Michael Houghton, Nobel Laureate in Physiology or Medicine 2020, an exhibition of 10 most impactful innovations from PolyU, face-to-face student consultations, info seminars about academic programmes and campus life sharing sessions; and themed tours to various campus facilities and labs. You will also hear fascinating stories of start-ups and unicorns of their journeys to success and understand how PolyU's researchers bring positive impact to society through cutting-edge interdisciplinary research.

Breakout Sessions

The afternoon breakout session of the PolyU I&T Open Day will feature novel and frontier topics related to life science, smart cities, future society, energy technologies, sustainable development for carbon-neutrality, future manufacturing, and artificial intelligence of things together with industrial partners. Join these sessions to learn about the latest advancement and catch up the partnership opportunity!

Morning Programme

📍 Jockey Club Auditorium

10:00 Opening Remarks & Speeches by Guest of Honour

10:20 Inauguration Ceremony of PolyU Academy for Interdisciplinary Research (PAIR)

10:35 PolyU Award Presentations

- Young Innovative Researcher Awards 2022
- President's Awards for Outstanding Achievements in Knowledge Transfer 2021

11:25 Invited Lecture

- Sir Michael Houghton, Nobel Laureate in Physiology or Medicine 2020, University of Alberta, Canada

12:25 Introduction of afternoon session and facility tours

Please Visit Our Innovation Showcase

📍 **Main Hall of Shaw's Sports Complex**

Supporting Organisations:



京港學術交流中心
Beijing - Hong Kong Academic Exchange Centre



產品可靠性與系統安全研發中心
CENTRE FOR ADVANCES IN RELIABILITY AND SAFETY
A Research Centre established under the Research Cluster



Centre for
Eye and Vision
Research



Laboratory for
Artificial Intelligence in Design
人工智能設計研究所



Logistics and Supply Chain MultiTech R&D Centre
物流及供應鏈多元技術研發中心



THE HONG KONG 香港紡織及服裝研究
RESEARCH INSTITUTE OF TEXTILES AND APPAREL



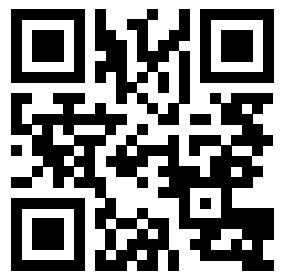
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Afternoon Breakout Sessions

Technology Innovation & Development,
Collaboration, Industry Trend & Applications in Various Sectors

Register Now!

14:00 – 15:20

Parallel Sessions I

Novel Drug and Medical Device Development in Life Science

Y301

Featured Speakers & Panelists

Novel AAV-based Gene Therapy Pursuit for Benefiting Patients' Unmet Medical Need

Mr Philip Sin

SVP, Corporate Funding and Development Department, Belief BioMed Therapeutics

How Covid-19 Vaccine Transforms New Cancer Treatment

Dr Bill Wong

Vice President of R&D, INNORNA

Decentralised Nucleic Acid Testing

Prof Shea-ping Yip

Head, Department of Health Technology and Informatics AND

Dr Thomas Lee

Associate Head (Academic) and Associate Professor, Department of Biomedical Engineering

Novel Antibiotic Drug Discovery Targeting Superbugs

Dr Cong Ma

Assistant Professor, Department of Applied Biology and Chemical Technology

Fluorescent Biosensor for Antibiotic Detection

Prof Kwok-yin Wong

Vice President (Education), Chair Professor of Chemical Technology

Session Chair

Prof Larry Chow

Head, Department of Applied Biology and Chemical Technology

Panel Members

Mr Philip Sin / Dr Bill Wong / Prof Shea-ping Yip / Dr Thomas Lee / Dr Cong Ma / Prof Kwok-yin Wong

OR

Smart Cities and Innovative Land and Space Creation

Y302

Featured Speakers & Panelists

The Latest Technology Innovation in LSCM

Mr Simon Wong

Chief Executive Officer, Logistics and Supply Chain MultiTech R&D Centre Limited

Technology Innovations for Smart Cities

Prof John Shi

Director, Otto Poon Charitable Foundation Smart Cities Research Institute

Land and Space Creation through Research and Innovation

Prof Xiaoli Ding

Director, Research Institute for Land and Space

Session Chair

Prof John Shi

Panel Members

Mr Simon Wong / Prof Xiaoli Ding

OR

Neurohealth from Vision to Brain

Y303

Featured Speakers & Panelists

Trend in Optical Market – Vision Needs for Different Generation

Mr George Kwan

Managing Director of Hoya Lens HK Ltd.

Ultrasound for Brain Functional Imaging

Ir Prof Yongping Zheng

Director, Research Institute for Smart Ageing

Advancements in Diagnosis and Intervention for Mental Health

Prof David Man

Director, Mental Health Research Centre

Vision Health and Global Impact: Opportunities and Challenges

Prof Chi-ho To

Director, Research Centre for SHARP Vision

Session Chair

Ir Prof Yongping Zheng

Panel Members

Mr George Kwan / Prof David Man / Prof Chi-ho To

OR

Future Society

TU201

Featured Speakers & Panelists

Optical Communication and Networking in the F5G Era

Dr Xiang Liu

Chief Optical Standards Expert, Huawei Hong Kong Research Center

Optical Fibre Sensor for a Better Future

Prof Chao Lu

Director, Photonics Research Institute

Carbon Neutral Construction Material

Prof Chi-sun Poon

Director, Research Centre for Resources Engineering towards Carbon Neutrality

Session Chair

Prof Changyuan YU

Professor, Department of Electronic and Information Engineering

Panel Members

Prof Chao Lu

15:20 – 15:35

Break

Supporting Organisations:





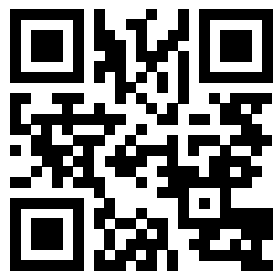
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15:35 – 17:00

Parallel Sessions II

Energy Technology and Sustainable Development for Carbon-neutrality

Y301

Featured Speakers & Panelists

Achieving Carbon Neutrality - Needs and Opportunities for Collaboration between Government, University and Industry

Mr Hon Chung Harry Lai

Principal Advisor/Carbon Neutrality, Electricity and Energy Efficiency Branch, Electrical & Mechanical Services Department, The Government of Hong Kong SAR

Smart Energy Research and Technology Development for Carbon Neutrality

Ir Prof Shengwei Wang

Director, Otto Poon Charitable Foundation Research Institute for Smart Energy

Recent Discovery of the Important Role of Halogen Chemicals in Aggravating Air Pollution

Prof Tao Wang

Chair Professor of Atmospheric Environment; EC Member, Research Institute for Sustainable Urban Development

Session Chair

Prof Meng Ni

Associate Dean, Faculty of Construction and Environment & Professor, Department of Building and Real Estate; MC member, Otto Poon Charitable Foundation Research Institute for Smart Energy

Panel Members

Mr Hon Chung Harry Lai / Ir Prof Shengwei Wang / Prof Tao Wang

OR

Healthy Food & Lifestyle Management

Y302

Featured Speakers & Panelists

The Latest Trend on Research for Food and Health

Mr Gregg Ward

Head of Danone Open Science Research Center

Head of Science, Healthcare & Medical Affairs, Greater China

New Horizons in Microbes and Human Health

Dr William Tai

Research Assistant Professor, Department of Applied Biology and Chemical Technology

TCM Based Lifestyle Management for Improving Personal Health and Wellness

Dr Jessie Lin

Research Assistant Professor (Neuroscience and Neurological Rehabilitation), Department of Rehabilitation Sciences

Session Chair

Dr Ka-hing Wong

Director, Research Institute for Future Food

Dr Daniel Mok

Acting Director, Research Centre for Chinese Medicine Innovation

Panel Members

Mr Gregg Ward / Dr William Tai / Dr Jessie Lin

OR

Future Manufacturing

Y303

Featured Speakers & Panelists

Re-industrialisation in Hong Kong – Innofacturing Tomorrow

Dr HL Yiu

Head of Re-industrialisation, Hong Kong Science and Technology Parks Corporation

Mutual Cognitive Human-Robot Collaboration for Futuristic Human-Centric Smart Manufacturing

Dr Pai Zheng

Assistant Professor, Wong Tit Shing Endowed Young Scholar in Smart Robotics, Industrial and Systems Engineering Department

Future Space and Related Researches in RCDSE

Ir Prof Kai-leung Yung

Director, Research Centre for Deep Space Explorations, Chair Professor & Associate Head, Department of Industrial and Systems Engineering

Session Chair

Prof Bo Wu

Associate Director, Research Centre for Deep Space Explorations; Associate Head (Research) and Professor, Department of Land Surveying and Geo-Informatics

Panel Members

Ir Prof Kai-leung Yung /

Prof Tao Yu

Associate Director, Research Centre for Deep Space Explorations; Professor, Department of Civil and Environmental Engineering

OR

Artificial Intelligence of Things and Intelligent Wearable Systems

TU201

Featured Speakers & Panelists

AIoT and GIS Empowering Sustainable Smart Cities

Dr Winnie Tang, JP

Founder & Honorary President, Smart City Consortium

AI in Construction

Prof Heng Li

Associate Director, Research Institute for Artificial Intelligence of Things

Intelligent Wearable Systems and Applications

Prof Xiaoming Tao

Director, Research Institute for Intelligent Wearable Systems

Session Chair

Prof Xiaoming Tao /

Prof Jiannong Cao

Director, Research Institute for Artificial Intelligence of Things

Panel Members

Prof Heng Li

Note: Programme, presentation topics and speakers are subject to change without notice.

Supporting Organisations:

