



Hong Kong Teaching Excellence Alliance Design Thinking CoP Kick-off Interactive Symposium

Design Thinking X AI X Futureproof Education

Lecture Theatre 1, Yasumoto International Academic Park,
The Chinese University of Hong Kong – Friday January 19th 2024

14:00 – 14:30 Registration

14:30 – 15:15 Design Thinking Opportunities & Challenges in Hong Kong Higher Education

Design thinking and its different applications in Higher Education

Prof. Carmen Wong, *The Chinese University of Hong Kong. UGC Teaching Award 2020*

Design thinking gives hands to teaching good practices

Prof. Tulio Maximo, *The Hong Kong Polytechnic University. UGC Teaching Award 2022*

15:15 – 16:00 How to Support Teachers and Students in Using Generative AI Tools

Planning & funding of generative AI across different education curricula

Dr. Suria Kong, *Senior lecturer, The Education University of Hong Kong*

Implementation and evaluation of generative AI across General Education science courses

Prof. Helen Geng, *Assistant Professor of Teaching, Lingnan University*

Panel Lead: **Prof. Siu Cheung Kong**, *The Education University of Hong Kong*

16:05 – 16:50 Teachers & Student Perspectives on Co-designing Educational Experiences

Interactive discussion with Invited VIPs

Discussion Leads: **Mr. Marc LeBane**, *The Chinese University of Hong Kong*

Prof. Tulio Maximo, *The Hong Kong Polytechnic University*

16:50 – 17:15 Photo taking

'Ideas2Collaboration' Pitch & Awards

17:15 – 17:45 Announcements - Networking

A HKTEA community

Speakers



Prof. Carmen Wong, The Chinese University of Hong Kong

Dr. Carmen Wong is Associate Professor of Practice in Medical Education and Family Medicine and Clinical Professional Consultant at the JC School of Public Health (JCSPHPC) and Primary Care and Assistant Dean (Education) at Faculty of Medicine at The Chinese University of Hong Kong. Dr. Wong is a trained family physician and medical educator and received University Education Award 2020 and UGC Teaching award (General Faculty) in 2020 for her work in family medicine, social responsibility and design thinking in medical education. Dr. Wong has led curriculum changes in family medicine, clinical communications, early clinical exposure, vulnerable populations for the MBBCh curriculum and introduced Interprofessional healthcare curriculum across Faculty of Medicine: medicine, nursing, Chinese medicine, pharmacy, public health and biomedical sciences. Dr. Wong leads the health coach training programme for Jockey club WeWATCH lifestyle project in Hong Kong community and is Director of Research and Promotion of Women's Health. Dr. Wong is an active practitioner of design thinking in Higher education and have led interdisciplinary workshops and hybrid courses in Design Thinking across higher educational institutions in Hong Kong and in local and international medical education conferences. Her talk will encompass how design thinking can be utilised to solve diverse complex higher education problems and common oversights in the design and development of new and existing courses and curricula.



Prof. Tulio Maximo, The Hong Kong Polytechnic University

Tulio Maximo is an Assistant Professor of Design at The Hong Kong Polytechnic University. He works to connect people, institutions and knowledge for collaborative social improvement. His research focuses on intergenerational and inclusive design, mobility devices, sitting ergonomics, design-led social entrepreneurship, healthcare services, and inclusive education. He has won many awards for his design and teaching, such as the UGC Teaching Award 2022, IDEA/IDSA and the Red Dot Product Design Award 2022 for the Omni Study System, a product for children in subdivided flats. Tulio's teaching philosophy is based on value creation education, universal design for learning and empathy as a key teaching and learning strategy. In this talk, he will show how he applies design thinking to create inclusive teaching practices and enhance students' learning experiences. He will also share some practical tips that attendees can use in their next semester.



Dr. Suria Kong, The Education University of Hong Kong

Dr. Kong Suet-ye, Suria is an experienced educator with a career spanning over two decades, focusing on teacher professional development in higher education, governmental institutions, and frontline school settings. Currently serving as a Senior Lecturer at the Faculty of Education and Human Development, The Education University of Hong Kong. The EdUHK's 6-P pedagogical approach is designed to bolster students' information literacy and academic integrity, guiding them through the non-sequential six key phases of *Plan, Prompt, Preview, Produce, Peer Preview, and Portfolio Tracking* when completing assignments in collaboration with AI learning partners. Adopting the pedagogy of gamification, three interactive online games and various open AI tools would be used as the interface to facilitate SRL. This TDG will benefit >750 students studying 10 subject domains across 3 faculties. It promotes responsible and ethical use of technology while equipping students with the necessary non-technical AI literacy and legal awareness to succeed in the digital world. This novel learning and teaching partnership addresses the needs and preferences of the students, promoting academic honesty, integrity and legal awareness when using AI.



Prof. Helen Geng, Lingnan University

Prof. Helen GENG is an Assistant Professor of Teaching at Science Unit, Lingnan University. She obtained her doctoral degree in Geochemistry (Earth Science). She has extensive experience in designing and teaching general education science courses tailored to non-science majors. Her areas of specialization include environmental geochemistry and interdisciplinary research on sustainability. Her current research interests are focused on science education for non-science majors and liberal arts education. The talk will describe her study, guided by design thinking principles, incorporated generative artificial intelligence (AI) into a general education science course, which hosts 600 non-science major students. It evaluates the effectiveness of the implementation of generative AI in the teaching and learning activities. The presentation features the discussions on future studies, specifically the “testing” stage of a typical design thinking process. Additionally, this presentation involves the sharing of students from Professor GENG's class.

Session Leads



Prof. Kong Siu Cheung, The Education University of Hong Kong

Professor Kong Siu-cheung is Research Chair Professor of E-Learning and Digital Competency at the Department of Mathematics and Information Technology (MIT); and Director of Artificial Intelligence and Digital Competency Education Centre (AIDCED), the Education University of Hong Kong. He has produced over 270 academic publications in the areas of computational thinking education, STEM education, artificial intelligence literacy education, metaverse literacy education, flipped classroom strategy, teacher development, mathematics education, and policy on digital technology in education. Professor Kong was the Convener of International Research Networks (IRNs), World Educational Research Association (WERA) (2012 to 2015). Professor Kong is on the list of Stanford Top 2% Scientist in Education in 2019 (single-year data), in 2020, 2021 and 2022 (single-year data & career-long data). He was the winner of 2019-2020 HKSAR University Grants Council Teaching Award (Team Award). He was also the winner of National Teaching Award 2022 – Higher Education (Undergraduate) – Tier-Two Award – Team Award of PRC. He won The Education University of Hong Kong President’s Awards for Outstanding Performance in Knowledge Transfer (Team Award) in 2020 and Outstanding Performance in Administration (Team Award) in 2021. Professor Kong leads a three-phase project on Artificial Intelligence Literacy and Applied Artificial Intelligence Programmes for secondary students, university students, teachers, and administrative staff in Hong Kong from 2020 to 2025.



Mr. Marc LeBane, The Chinese University of Hong Kong

Educated at the University of Winnipeg (BA), University of Wales College of Cardiff (LLB), University of Southern Queensland (M.Ed.), and the London English Learning Centre UK (TESL Certificate). Over the past 25 years, Marc has designed and taught a wide range of courses ranging from Law, International Commerce, Public Speaking, & English Communication in South Korea & Hong Kong which have focused on integrating education technology and design thinking in higher education, which has significantly impacted his students’ learning experiences. Marc has also been actively involved in numerous UGC, TDLEG, & TDG research projects, which focused on English enhancement, e-learning, and the development of self-access English language learning materials. A UGC Teaching Excellence Fellow, Marc has been recognized for his research in Education Technology & Independent Learning including three consecutive English Language Teaching Unit Teaching Excellence Awards (2020-2023), the Chinese University of Hong Kong Faculty of Arts Outstanding Teaching Award in 2022, two Lingnan University Teaching Excellence Awards (2013/2014 and 2018/2019) and a Certificate of Merit for the Teaching Excellence Team Award (2016/17).

VIPs

Prof. Annie Bligh, Provost, Caritas Institute of Higher education and Caritas Bianchi College of Careers

Prof. Cheng May Hung May, Vice President (Academic), The Education University of Hong Kong

Dr. Albert Chau, Vice-President (Teaching and Learning), Hong Kong Baptist University

Prof. Xiangen Hu, Director of Institute for Higher Education Research and Development, The Hong Kong Polytechnic University

Prof. Cecilia Chun, Director of Centre for Learning Enhancement and Research, The Chinese University of Hong Kong

Prof. Julian Alexander Tanner, Director of the Common Core, The University of Hong Kong

Dr. Theresa Kwong, Director of Centre of Holistic Teaching and Learning, Hong Kong Baptist University

Dr. Aloysius Arokiaraj, Associate Programme Director, Office of Service Learning, Lingnan University

Dr. Brian Lee, Associate Professor, Leader of Asian Lifestyle Design Lab, The Hong Kong Polytechnic University

Prof. Vivian Lee, Associate Professor, Centre for Learning Enhancement and Research, The Chinese University of Hong Kong

Dr. Jose Lai, Director of English Language Teaching Unit, The Chinese University of Hong Kong

Mr. Jason Chan, Medical student and entrepreneur, The University of Hong Kong

The Design Thinking CoP executive committee wish to express our special thanks to:



香港中文大學
The Chinese University of Hong Kong



Centre for
Learning
Enhancement
And
Research
學能提升研究中心



香港中文大學醫學院
Faculty of Medicine
The Chinese University of Hong Kong



40th Anniversary
四十週年



香港中文大學
CUHK
賽馬會公共衛生及基層醫療學院
The Jockey Club School of Public Health and Primary Care