



香港教育大學
The Education University
of Hong Kong

LTTC

NEWSLETTER
JULY 2023

Issue 9

Cool/Think@JC
算思會運算思維教育
Cool/Think@JC Competition 2022



CoolThink@JC
Competition 2022



Staff Induction



Artificial Intelligence
Literacy Programme



International Conference on Learning and
Teaching for Future Readiness 2023

AI



AI-generative Tools and Learning Analytics

AI-generative Tool Seminars/Workshops

With the recent development in AI-generative tools, LTTC has provided some seminars and workshops swiftly to allow colleagues and students to know more about the use of this technology in education.

- Workshop "Getting in Touch with ChatGPT-like Artificial Intelligence-Enabled Generative Tools: Implications for Teaching in Higher Education"
- Workshop "Demonstration of Tools for Detecting AI-generated Text"



The workshops
attracted
130 participants.

The two seminars
attracted over 170 participants.

17 March 2023

Professor LOOI Chee-Kit

National Institute of Education,
Nanyang Technological University, Singapore

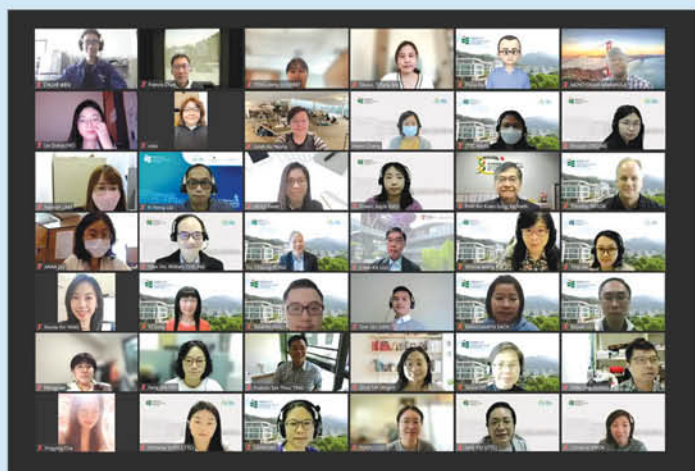
**Navigating the Future of Education with ChatGPT:
Perspectives from Singapore**

13 April 2023

Mr KinfeY LO

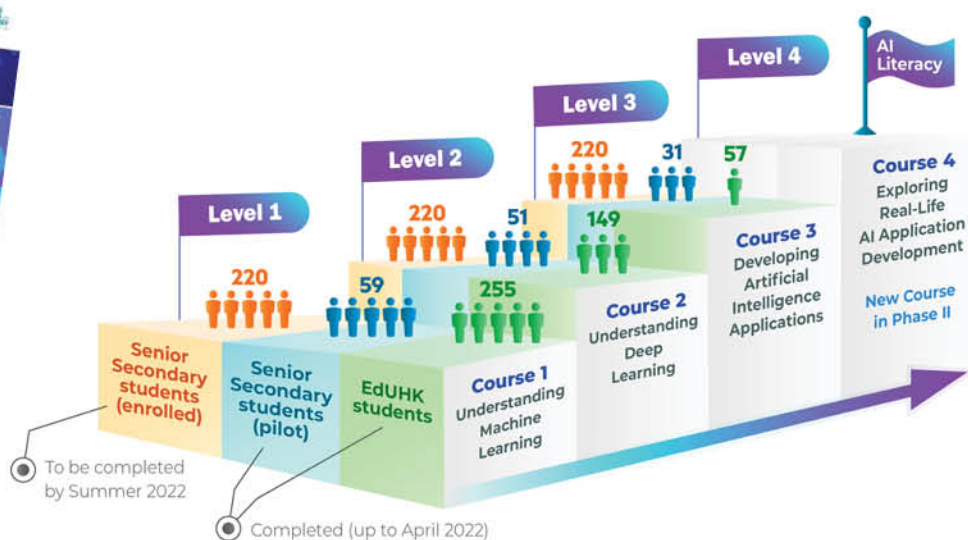
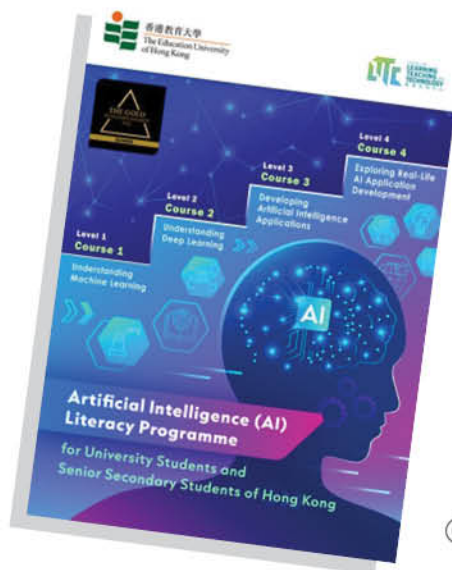
Microsoft

人工智能生成内容 (AIGC) 教育場景應用介紹



In-house Winner of the 2022 Gold Standard Award for Public/Private Partnership for its Artificial Intelligence Literacy (AIL) Programme

LTTC has been working closely with the Li Ka Shing Foundation since 2020 to promote AI literacy to our pre-service teachers and local senior secondary students. The two-year programme has benefited more than 470 university and secondary students.



Learning Analytics Seminars/Workshops

Since learning analytics are becoming increasingly important, LTTC has organised seminars and workshops to educate colleagues and students. These events aim to enhance understanding and utilization of learning analytics for improved teaching and learning outcomes. A total of 17 workshops were organised with over 300 participants.

- Visualising Students' Activities on Moodle via Behaviour Analytics
- Tracking Contribution to Discussion Forums on Moodle and Overviewing Student Moodle Activities with IntelliBoard Reports
- BookRoll: A Learning Analytics Tool Specific for Reading of Articles
- Understanding Machine Learning Through Working with a Learning Analytics Tool in Moodle

22 March 2023

Dr Barbara MEANS

Digital Promise, USA

Data Use as an E-Learning Competency



17 November 2022

Professor Hiroaki OGATA

Kyoto University, Japan

Data and Evidence-Informed Learning and Teaching



Metaverse and CAVE

Metaverse Workshops

As VR and AR are prevalent in recent years, LTTC aims to create immersive metaverse learning experiences for all EdUHK members. The workshops below cover topics such as basic operations and features in the Spatial Metaverse, and the development of Metaverse spaces. A total of 6 workshops were organised with around 70 participants.

- Teaching in the Metaverse Classroom Using Spatial
- Environment Design in the Metaverse using Spatial



CAVE Workshops

The Cave Automatic Virtual Environment (VR CAVE) at the EdUHK is the largest immersive VR environment in Hong Kong, providing 360-degree interactive projections and allowing multi-player interactions. Two sessions of the workshop "Creating Multi-player Virtual Tours for Teaching in VR-CAVE" were organised with 32 participants.



Guests of ICLT 2023



Learning and Teaching

@ EdUHK Festival

Learning and Teaching for Future Readiness

Learning and Teaching @EdUHK Festival 2023

Description: Learning and Teaching @EdUHK Festival was held from 1 February to 31 May 2023. A total of 14 open class observations, video showcase, poster board exhibition was organised during this period. The undergraduate student sharing was attended by 38 participants, and the postgraduate student sharing was attended by 42 participants.

Open Class Observation

Faculty of Education and Human Development (FEHD)

Mindfulness in Everyday Life by Ms KWOK Yee Tak Esther (SEC)

Ethnic Minority Students and the "No-loser" Principle of Hong Kong's Education Reform by Dr BHOWMIK Miron Kumar (EPL)

Basic Concepts of Assessment and Assessment in School by Dr FONG Wai Tsz Ricci (C&I)

The Power of Feedback Orientation (FO) in Learning-related Emotions: Knowing, Being and Acting by Dr YANG Lan (C&I)

Faculty of Humanities (FHM)

Coherence and Cohesion in Constructing Arguments by Ms CHU Wing Ki Blanche (CLE)

Writing Up a Research Project by Dr WONG Ming Har Ruth (ELE)

Introduction to Conceptual Metaphor by Dr KATAOKA Shin (LML)

魯迅和沈從文的中國 by Dr TAM Chi Ming (LCS)

粵語和普通話的綜合比較和小結 by Dr ZHANG Ling (CHL)

Faculty of Liberal Arts and Social Sciences (FLASS)

Introduction to Gender and Development by Dr NG Fung Sheung Isabella (APS)

Applying Problem-solving Skills to the Lesson Planning-Teaching-Assessment Cycle by Dr CHAN Chi Keung (SES)

Design of STEM Activities for Mathematics Learning by Dr CHENG Kell Hiu Fai (MIT)

Hong Kong Art by Dr LAU Leung Kwok Prudence (CCA)

Strategies in Health Maintenance by Dr CHUNG Ming Yan Louisa (HPE)

Poster Board Exhibition



Undergraduate Student Sharing Session



Postgraduate Student Sharing Session



Staff Induction

Two 3-hour Staff Induction sessions were offered every semester for all new full-time academic/ teaching staff of EdUHK to equip them with essential knowledge and skills in teaching in higher education, and to enable them to become competent academic/ teaching staff members of the University. Starting from Semester 2 of 2022/23, an Induction programme was offered to newly joined part-time teaching staff.

Conferences



International Conference on Learning and Teaching for Future Readiness 2023

Learning and Teaching in the Eve of Metaverse

ICLT 2023

International Conference on Learning and Teaching for Future Readiness 2023

The third “International Conference on Learning and Teaching for Future Readiness 2023” (ICLT2023) was held in hybrid mode from 17 to 19 May 2023. It was themed “Learning and Teaching in the Eve of Metaverse” and had six main conferences strands: (1) Virtual Teaching and Learning, (2) Metaverse Education, (3) STEM Education, (4) AI Education, (5) Gaming in Education, and (6) Other Topics Related to Learning and Teaching.



Keynote Speeches



Dr Edd PITT
University of Kent, UK
**Exploring the Potential
for Technology
Enabled Peer Assessment,
Peer Feedback and Self-assessment**



Professor Maiga CHANG
Athabasca University, Canada
**What You Want to Know about GPT:
Basics, Experiences, and Opportunities**



Professor Pierre DILLENBOURG
École Polytechnique Fédérale de
Lausanne (EPFL), Switzerland
**Orchestrating a Physical Classroom
as a Digital System**



Dr Thomas DENEUX
CNRS & Paris-Saclay University, France
**Teaching How a Robot Learns:
At the Crossroad Between
AI Education and Metacognition**



Symposium

ChatGPT: The Way to Pursue Boundless Knowledge?

by Mr CHU Tsz Wing (St. Hilary's Kindergarten and Primary Section), Mr Stanley KAM Wai Ming (HKSKH Bishop Hall Secondary School & The Hong Kong Association for Computer Education) & Mr Albert WONG Kin Wai (Ying Wa College & Association of IT Leaders in Education)



14 - 16 June 2023

MetaACES

**The First International Conference on
Metaverse and Artificial Companions in Education and Society**



The 1st International Conference on Metaverse and Artificial Companions in Education and Society (MetaACES 2023), organized by The Education University of Hong Kong, was held on 14 - 16 June 2023 in a hybrid mode. MetaACES 2023 aims to provide an interactive platform for academics, researchers, practitioners, and professionals in the education sector to share and exchange research agenda, innovative ideas as well as practices of promoting and exploring metaverse, artificial companions, and related technologies. MetaACES 2023 comprised keynotes, symposium and panels delivered by internationally renowned scholars, researchers, and practitioners.

Keynote Speeches

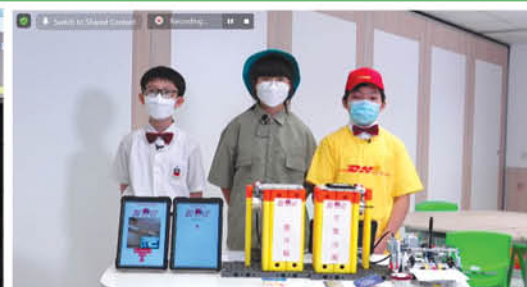


Professor Tak-Wai CHAN
Chair Professor,
National Central University,
Taiwan



Professor Christopher DEDE
Senior Research Fellow,
Graduate School of Education,
Harvard University, USA

賽馬會運算思維教育 全港小學生運算思維比賽 CoolThink@JC Competition 2022



CoolThink@JC Competition 2022

CoolThink@JC Competition 2022 was the 6th competition organised by the CoolThink@JC Programme. The competition targets all primary four to primary six students and aims to promote computational thinking education, enable students to apply their knowledge and skills on competition thinking to solve problems, enhance creativity, innovation and collaboration. The Final was conducted online via Zoom on 16 July 2022, with 20 Scratch and 20 App Inventor teams participated. The Grand Final was successfully conducted on 17 July 2022 in EdUHK campus, with 4 Scratch and 4 App Inventor teams competed for the championship.

Competition 2023 will be held on 15 July 2023 in face-to-face format. A total of 312 teams from 129 primary schools registered, including 206 Scratch teams and 106 App Inventor teams, which was the highest number compared to the previous years.



Curriculum Unit Design for Subject Teaching and CT Development Contest

Curriculum Unit Design for Subject Teaching and CT Development Contest is an initiative supported by CoolThink@JC, which aims at encouraging network school teachers to incorporate computational thinking into subject learning and teaching. There were 9 winning teams in the 2022 Contest, and the winning projects were disseminated for public access.

STEM Smart Trash Can Event

L TTC conducted a STEM workshop for secondary students to promote STEM education, and attracted 100 participants.



Staff Professional Development Seminars

Advanced Study Institute (ASI) Seminar

17 & 18 August 2022

Assessment and Feedback Design in Virtual Environments for Future-Ready Graduates



Keynote Speeches



Emeritus Professor Janice ORRELL
Flinders University, Australia
Designing Assessment and Feedback as Tools for Learning and Educational Quality Reform



Dr Edd PITT
University of Kent, UK
Signature Feedback Practices: Where are the Opportunities within the Curriculum?

Workshop

Dr Edd PITT
University of Kent, UK
Signature Feedback Practices: Leveraging Time to Maximise the Impact of Classroom Based Feedback Opportunities

Experience Sharing

Dr Bill YEUNG and Mr Roy CHAN
The Education University of Hong Kong
Assessment with Real-World Relevance

Dr Archimedes David GUERRA and Ms Assunta NG
Hong Kong Baptist University
Assessment with Real-World Relevance

19 October 2022

Emeritus Professor Janice ORRELL
Flinders University, Australia
Ways of Designing Assessment with Feedback for Facilitating Students' Self-Regulated Learning



11 November 2022

Dr Edd PITT
University of Kent, UK
Exploring Students' Feedback Literacy Development Following a Work Placement Year



22 February 2023

Dr Cecilia Ka Yuk CHAN
The University of Hong Kong
Authentic Assessment in Entrepreneurship Education: Measuring Success beyond Academic Knowledge



Staff Professional Development Seminars

UGC Awardee's Sharing Seminar

25 November 2022

Dr Tulio MAXIMO

The Hong Kong Polytechnic University

Using Empathy as a Core Teaching Strategy:

Case Studies and Practices to Improve Teaching Experiences



12 December 2022

English Across the Curriculum Team led by Dr Julia CHEN

The Hong Kong Polytechnic University

**Implementing English Across the Curriculum:
Opportunities and Challenges**



29 November 2022

Professor Anthony SO Man-cho

The Chinese University of Hong Kong

**Designing and Implementing Writing Components
in STEM Courses**



Teaching Awardees' Sharing Seminar

Awardees of the President's Teaching Award 2022, **Dr HU Xinyun Annie** and **Dr ZHANG Ling**, shared their teaching philosophy in a seminar held on 24 October 2022.



Teaching Development Grant (TDG) Project Sharing Seminar

18 July 2022

Dr WONG So Lan & Ms ZHONG Shan Shan

The Education University of Hong Kong

**Visualization of Creative Thinking Through
Online STEAM Teaching**

Findings

After the first semester, the four collaborative teams, including ECDIT preservice teachers and school visual arts teachers, were interviewed. They discussed their experiences and challenges in implementing the STEAM project. The findings showed that the preservice teachers had a positive attitude towards the project and were motivated to learn from the school teachers. They also identified some challenges, such as the lack of resources and the need for more training. The school teachers also shared their experiences and challenges, and they identified some successful practices that could be shared with the preservice teachers.

Some primary school students were interviewed after completing this STEAM project. They said that they could "visualize" their learned knowledge and skills for "visual thinking", while secondary school students stated that the outcomes were "clear and others could understand what we were expressing". Secondary school visual arts teachers added that such creative and presentation experiences could help senior secondary school students further develop their portfolios for school-based visual arts assessment for the Hong Kong public examination (HKCEE).

30 September 2022

Mr CHUI Hin Leung Mike

The Education University of Hong Kong

**Course Material Production for Artificial Intelligence (AI)
Makers by Integrating Computer Vision and 3D Technologies**

Project Development

Project Team:

- Storyboarding team:** plan the flow of learning content and write script for learning presentation
- 3D design team:** prepare image maps for 3D scene background, 3D characters, and working images for scene production
- AI design team:** prepare AI character design and rigging
- High-level team:** evaluate the written script, record and transfer digital content with special effects, integrate finished content to 2D and 3D animation

8 November 2022

Dr TANG Hei Hang Hayes & Dr FONG Wai Tsz Ricci

The Education University of Hong Kong

**University Students Supporting School Teachers of Academically
At-Risk Students through Educational Technology**

Pre-service teachers

Post-TDGT design and standard deviation (Pre-TDGT)

Pre-service teachers	Pre-TDGT	Post-TDGT
CE	2.71%	0.70%
PE	2.71%	0.70%
TE	2.71%	0.70%
SE	2.71%	0.70%
TE	2.71%	0.70%
TE	2.71%	0.70%
TE	2.71%	0.70%

21 February 2023

Dr CHEN Hsueh Chu Rebecca & Ms TIAN Jingxuan

The Education University of Hong Kong

**Implementation of Learner Corpus Data into English Class:
A Corpus-aided English Speaking Training Programme**

Introduction

Speaking is "an interactive process of constructing meaning that involves producing and receiving and processing information" and "often spontaneous, open-ended, and evolving" (Flores, 1999, p. 1).

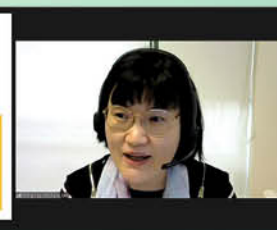
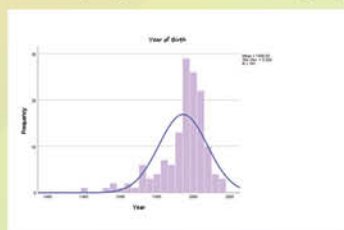
Components of Spoken Language

PHONOLOGY
MORPHOLOGY
SYNTAX
DISCOURSE

STRESS
RHYTHM
INTONATION

27 March 2023

Dr LI Zhen Jennie & Professor GU Mingyue Michelle
The Education University of Hong Kong
Developing Pre-Service Language Teachers' Intercultural Identity



7 October 2022

Professor Christopher DEDE
Harvard University, USA
Complementing Classroom Teaching with Hybrid Experiential Learning



1 October 2022 & 27 February 2023

Dr Alice CHOW Sin Yin
The Education University of Hong Kong
Connecting the GIL0 Rubrics with Learning and Teaching in the University: Workshop for Academic & Teaching Staff

5 December 2022

VTL Project Work Group
The Education University of Hong Kong
Effective Virtual Teaching and Learning: Experience Sharing and Lessons Learnt from Project Teams



6 December 2022

Professor LEE Tan
The Chinese University of Hong Kong
Spoken Language Technologies and Their Applications in Education



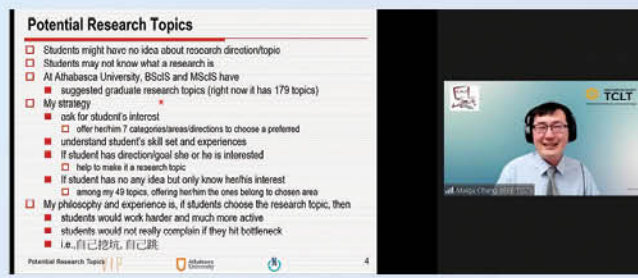
7 March 2023

Professor Thomas C. REEVES
The University of Georgia, USA
Enhancing the Alignment of Online/Hybrid Learning and Teaching



29 March 2023

Professor Maiga CHANG
Athabasca University, Canada
Experience Sharing for Research Supervision and Student Training



14 March 2023

Professor Satu-Maarit KORTE
University of Lapland, Finland
What is the Secret Behind Finnish Teacher Education?



23 June 2023

Dr Cornelia CONNOLLY
University of Galway, Ireland
Computer Science Education - International and Future Perspectives





International Congress on

Educational Futures



International Congress on Educational Futures 2024 23-25 April 2024

The “International Congress on Educational Futures 2024” (ICEF2024) is scheduled for 23 – 25 April 2024. The congress has five main strands:

- International, Regional and National Co-operation for Educational Development and Innovation
- Metaverse, AI and STEAM Education
- New Humanities Education
- Values Education, Teacher Conduct and Well-being
- Educational Leadership and Curriculum Development for the Future

