The Learning and Teaching @EdUHK Festival 2018 themed “Teaching Excellence in the Big Data Era” was held from 1 February to 31 May 2018. The event aimed to cultivate an encouraging environment conducive to teaching excellence within the University and to strengthen the links with regional and international partners. Open Class Observation, Video Showcase and Poster Board Exhibition were organised, and a conference was held on 25 May 2018 as a highlight of the event. The conference attracted a total of 175 participants including The Education University of Hong Kong (EdUHK) staff and students, and guests from local/overseas universities. Details on pages 2 and 3.

EdUHK initiated a project titled “Mathematical Concept Development for Secondary School Students through E-Learning” with a generous donation from the Li Ka Shing Foundation (LKSF), to promote mathematics e-Learning in local secondary schools. Details on page 8.

Prof. John LEE Chi Kin, Vice President (Academic), delivered the welcome speech for Staff Induction – Introduction to Teaching in Higher Education Settings on 7 September 2018. Details on page 9.
With the theme “Teaching Excellence in the Big Data Era”, the Learning and Teaching @EdUHK Festival 2018 was organised by the Centre for Learning, Teaching and Technology (LTTC), Faculty of Liberal Arts and Social Sciences (FLASS), Faculty of Education and Human Development (FEHD), Faculty of Humanities (FHM) and Graduate School (GS). The Festival served as a platform for academic/teaching staff, postgraduate students of the University, and local/overseas academic/researchers to share innovative learning and teaching approaches, to promote the application of technology-enhanced pedagogies, and to exchange best practices in teaching. This Festival also aimed to cultivate an encouraging environment conducive to teaching excellence within the University and to strengthen the links with regional and international partners.

**Conference Day**

The one-day conference was held on 25 May 2018 with four sections including two keynote speeches and two sharing sessions which covered the UGC Funding Scheme for Teaching and Learning Related Proposals (2016-19 Triennium), and the sharing of Faculties and Graduate School.

Prof. John LEE Chi Kin, Vice President (Academic) delivered his opening remarks at the conference.

There were two keynote speeches. The first speech titled “Big Data Supporting the Learning Journey in Higher Education” was delivered by Prof. David GIBSON, Curtin University’s Director of Learning Futures and the UNESCO Chair of Data Science in Higher Education Learning and Teaching.

The second keynote speech titled “Using Big Data and Small Data to Improve Your Teaching: Tests, Essays, Discussions, and Class Activities” was delivered by Prof. CHIU Ming Ming, Chair Professor of Analytics and Diversity in the Department of Special Education and Counselling at The Education University of Hong Kong.
Two sharing sessions were conducted. The first session covered the UGC Funding Scheme for Teaching and Learning Related Proposals (2016-19 Triennium) shared by the project leaders. The second session was presented by Faculties and Graduate School in various themes such as “Why Global Engagement - from the Perspective of Postgraduate Students” and “Learning Science is Fun”.

Open Class Observation

Fifteen open class observations were delivered by academic/teaching staff from different departments under three Faculties starting from February to May 2018 to share good learning and teaching strategies, and promote a culture of experience sharing in teaching.

Faculty of Education and Human Development (FEHD)

- Pre-school Safety Environment Setting and Assessment by Dr. CHENG Yuen Ling Elaine (ECE)
- Business Communities & Industries, Community and ‘Agora’ (Market Place and Forum). Epistemology of Globalisation by Dr. PARK Jae Hyung (IELL)
- Function of School Education: Socialisation 學校教育的社會化功能 by Mr. LI Chin Wai (IELL)
- Overview of Developmental Theories by Dr. CHUNG Yiu Bun (PS)
- Cognitive Neuroscience of Human Memory by Dr. YEE Ting Sum Lydia (PS)

Faculty of Humanities (FHM)

- Impromptu Speech by Mr. CHONG Sin Wang Ivan (CLE)
- Interaction in the English Language Classroom by Dr. John Gilbert TRENT (ELE)
- The Rise of Korean Popular Music by Dr. KANG Jong Hyuk David (LCS)
- Urban Literature: Desires, Mating and Narrative Formats (都市文學:慾望, 擇偶與敘事形式) by Dr. ZHOU Lulu (LCS)

Faculty of Liberal Arts and Social Sciences (FLASS)

- Poverty Reduction by Dr. ZHOU Tai (APS)
- Development of Hong Kong Art I by Dr. LAU Leung Kwok Prudence (CCA)
- Folk Dance by Ms. WANG Sha Prudence (CCA)
- Riemann Integrability and Fundamental Theorem of Calculus by Dr. CHENG Kell Hiu Fai (MIT)
- Information Technology Enhanced Visualisation of Science Phenomenon by Dr. YEUNG Chi Ho Bill (SES)

Poster Board Exhibition

Poster boards were set up across campus to showcase the accomplishments and innovations in learning and teaching in the University.

Video Showcase

Videos featuring innovative teaching activities, e-Learning pedagogy and valuable teaching experience shared by teaching awardees and experienced staff were broadcasted along the University’s corridor.
The International Conference on Computational Thinking Education 2018 (CTE2018) cum Coding Fair

This influential event was organised under the CoolThink@JC Programme. The aim of the Coding Fair was to promote and facilitate students’ computational thinking development in different learning stages. Through a series of workshops, students had the opportunities to learn and experience coding and computational thinking. Interactive booth exhibitions also inspired their creativity in computational thinking and Science, Technology, Engineering and Mathematics (STEM).

Highlight of the Opening Ceremony

An opening remarks presented by our President Prof. Stephen CHEUNG Yan Leung during the opening ceremony of the International Conference on Computational Thinking Education 2018 (CTE2018) cum Coding Fair.

Mr. CHU Tsz Wing, Prof. Horace IP Ho Shing, Mr. Leong CHEUNG, Mr. Nicholas W YANG, Prof. Stephen CHEUNG Yan Leung, Ms. Marjorie YANG and Prof. KONG Siu Cheung (from left to right) were invited to a traditional eye-dotting ceremony to kick off a ceremonial lion dance.
Invited Speeches

Prof. Yasmin B. KAFAI from the University of Pennsylvania, the United States spoke on the topic “Beyond Computational Thinking: Coding, Designing, and Making in the 21st Century”.

Mr. Nawneet RANJAN (Dharavi Diary, India) delivered a speech on “Computational Thinking for Social Change”.

Ms. Linda SHEAR (SRI International, US) delivered a speech on “Computational Thinking Goes to Science and Math Class: The Case for STEM+C”.

Seminar

Prof. Judith GAL-EZER from The Open University of Israel, Israel spoke on the topic “The Power behind the PowerPoint”.

Prof. Judy ROBERTSON from the University of Edinburgh, the United Kingdom spoke on the topic “What lies beneath? Towards the cognitive underpinnings of computational thinking”.

Conference Day

Keynote Speeches

Coding Fair

Workshops

Booth Exhibitions

CoolThink@JC Senior Primary Coding Curriculum Dissemination Seminar given by our Centre Director, Prof. KONG Siu Cheung.
Centre for Learning, Teaching and Technology (LTTC) is an academic and professional supporting unit at EdUHK. LTTC aims to enhance student learning outcomes by applying information technology to support the development of learning and teaching, and the improvement and innovation of assessment at the University. LTTC also supports the capacity building of the academic/teaching staff of EdUHK by providing professional development programmes for learning and teaching enhancement. Teams are formed under four themes.

**Theme I: e-Learning Team**
e-Learning/e-Learning Resource Production/ePortfolio/GILOs & GILOs Survey/POA/L&T Website/LTTC Website/ Moodle/Video Production Room/Learning Trail/Aerial Shooting/Server Management/MOOC Server/ VBLC

**Theme II: Digital Competency Team**
Coding Education Unit/Digital Competency Development /Coding/STEM/AI/Robotic/AR & VR/3D Printing/3D Printing Room/Computer and 3D Printing Room/Mobile Computing Laboratory

**Theme III: Professional Development Team**
PD/PD on Postgraduates/Analysis and Evaluation of PD Activities/PD Reporting and Planning/Peer Support/L&T Festival & Reporting/Statistical Support/Basic Statistics in Higher Education (in Blended Learning Mode)/Workshops on Internationalisation

**Theme IV: Reporting and Administration Support Team**
Administration/L&T Plan Reporting/ePortfolio Reporting/Quality Assurance Council Audit Reporting/Survey and Data Management/e-Learning Evaluation Reporting/KPIs Reporting/LTTC Newsletter/ PD on LTTC Staff/Budget and Human Resources Management
A new Video Production Room (E-P-16) has been launched since October 2018. It aims to support the production of quality video resources for enhancing blended learning and e-Learning related initiatives, and facilitate the content creation of Mini-Massive Open Online Courses (Mini-MOOCs) and e-Learning packages by the provision of a well-equipped video production environment. With state-of-the-art one-touch video recording system, professional lighting system, chroma-key green screen, computer, wireless microphone, mixers and high-quality pan–tilt–zoom (PTZ) camera featured with IR tracking, the Video Production Room is designed to cater for the all-round needs of forging an e-Learning environment in the University. It targets to provide efficient, user-friendly and cost-effective tools for academic/teaching staff to produce video resources for teaching, VBLC sharing and Moodle resources. Colleagues are welcome to reserve the Video Production Room through iBooking.

**Video Outcomes**
- Talking Head video with documents  
  e.g.: Word document, PowerPoint as background  
- Talking Head video with still image as background  
- Talking Head video with website as background  
- Screencast video

**Opening Hours**
- Monday to Friday: 09:30-12:30, 13:30 -16:30  
- Saturday, Sunday and Public Holiday: Closed

Workshops are offered to staff to demonstrate how to make a digital lecture in the Video Production Room, and highlight some tips for making effective talking head and screencast video to support learning and teaching. Please visit the LTTC website at https://www.lttc.eduhk.hk for registration and information.
Donation from Li Ka Shing Foundation to Promote Cornerstone Maths

To promote mathematics e-Learning in local secondary schools, EdUHK initiated a project titled “Mathematical Concept Development for Secondary School Students through E-Learning” with a generous donation from the Li Ka Shing Foundation (LKSF). This project aims to equip local pre-service and in-service teachers with quality teaching methods as well as rich learning and teaching resources, which will in turn enrich the learning experience of students in Hong Kong.

2-day Summer Camp (16 and 17 July 2018)

A two-day summer camp was organised for 150 students from six local secondary schools and their teachers in July 2018 at EdUHK. Participants from Cheung Sha Wan Catholic Secondary School, Ho Lap College (Sponsored by the Sik Sik Yuen), Our Lady of the Rosary College, S.K.H. Lam Kau Mow Secondary School, Tsuen Wan Government Secondary School, and Wah Yan College, Kowloon were engaged to have first-hand experience in Cornerstone Maths, an e-learning platform successfully used in schools in the United States and the United Kingdom. Prof. Stephen CHEUNG Yan Leung, President of EdUHK, welcomed all the participants and appreciated LKSF’s support for the innovative Mathematics education project.

Seminar on Mathematical Concept Development for Secondary School Students through E-Learning cum Launching Ceremony of Cornerstone Maths (2 November 2018)

With the aim of promoting mathematics e-Learning in local secondary schools, the Seminar on Mathematical Concept Development for Secondary School Students through e-Learning and Launch Ceremony for Cornerstone Maths was organised on 2 November 2018 at EdUHK. The event attracted over 130 principals, maths panels, teachers from local secondary schools, as well as academics and students from EdUHK. Dr Phil VAHEY, Director of Strategic Research and Innovation from SRI International, delivered a speech titled “5 Key Elements to High Quality E-Learning” and shared his experience in using e-Learning in mathematics education. He also provided advice on how to build an effective e-learning environment.
Staff Induction – Introduction to Teaching in Higher Education Settings (Semester 1, 2018/19)

The introduction and sharing sessions of Staff Induction programme were held on 7 and 12 September 2018. They form part of the Certificate Course “Introduction to Teaching in Higher Education” and are offered to all new full-time academic/teaching staff of EdUHK. They aim to equip participants with essential knowledge and skills in teaching in higher education, and to enable them to become a competent academic/teaching staff member of the University.

The Staff Induction consists of two 3-hour sessions and aims to provide basic information related to learning, teaching, and assessment at EdUHK to new staff. The content of the Induction covers vision and mission of EdUHK; policy of teaching, learning, and assessment; student academic backgrounds; information about learning and teaching support; and pedagogical considerations of integrating technologies in learning and teaching. The Induction is delivered by LTTC staff and academic staff from different departments and other academic support units of the University.

UGC Teaching Awardees’ Sharing Seminars

Two UGC Teaching Awardee Seminars were organised on 14 March 2018 and 7 November 2018 respectively.

“Improving Students’ Sense of Agency from a Psychological Point of View” by Prof. Suzanne SO Ho Wai, The Chinese University of Hong Kong

“The Chemistry Behind Motivating Students” by Dr. Jason CHAN, The Hong Kong University of Science and Technology

More about Staff Induction
Upcoming Events

Learning and Teaching @EdUHK Festival 2019

The Learning and Teaching @EdUHK Festival 2019 will be organised with the theme “Excellence in Learning and Teaching in the Digital Era” from February to May 2019. A series of events will be held including Open Class Observation, Video Showcase, Poster Board Exhibition, Undergraduate & Postgraduate Students Sharing and a conference. This Festival aims to highlight innovative learning and teaching approaches, promote digital competency initiatives and enable the sharing of e-Learning and the application of technology-enhanced pedagogies.

Workshop on ePortfolio and Moodle

To equip students with basic skills to build ePortfolio pages, a series of ePortfolio workshops will continue to be offered on Mahara, Sway and Google Site. Our Centre also organises workshops on topics of Moodle and Turnitin to enhance students’ e-Learning capability.

International Conference on Computational Thinking Education 2019 (CTE2019)

It is the third international conference organised by the CoolThink@JC Programme for worldwide sharing of ideas as well as dissemination of findings and outcomes on the implementation of computational thinking development. CTE2019 will comprise keynote speeches, invited speeches, panel discussions, workshops and paper presentations. All the accepted papers in the conference will be published in ISBN-coded proceedings.

Workshop on Video Production Room

Workshop on “Create your first digital lecture in Video Production Room” will continue to be offered to demonstrate how to make a digital lecture in the Video Production Room and highlight some tips for making effective talking head and screencast video for learning and teaching.

Artificial Intelligence (AI) Literacy Workshops

The Coding Education Unit of LTTC offers introductory workshops to promote AI literacy to students aiming to trigger their curiosity in AI as well as promote its development and application in the University. Students who are interested in AI and STEM education are welcome to participate in the workshops. Participants who completed the workshops will be presented a Certificate of Completion.
LTTC aims to enhance student learning outcomes by applying information technology to support the development of learning and teaching, and the improvement and innovation of assessment at the University. Therefore, our staff members keep abreast of the latest technological development and share with colleagues and students. Centre meetings and workshops will continue to be conducted to furnish our colleagues with the background knowledge and hands-on experience in different initiatives organised by LTTC.