

Workshop in Celebration of the 20th Anniversary of ETHE

**Educational Technology in Higher Education :  
Challenges and Opportunities from the China Perspectives**

*Galaxy International Conference Centre  
Macau, China*

**1 August 2024**

Launched in 2024, the International Journal of Educational Technology in Higher Education (ETHE) offers a place for dissemination of scholarly works and exchange of information from a variety of cultural perspectives for researchers and practitioners in technology enhanced and digital learning in higher education. In two decades, ETHE has earned a high reputation in the field (currently, ranked among the top 1% in SSCI and Scopus) that attract submissions from different parts of the world. One remarkable trend in recent years is the steady increase in number of submitted and accepted manuscripts from China. China has been the top region of origin of manuscripts since 2021. As ETHE reaches its 20th anniversary milestone, this workshop is organized for sharing and exchange of ideas on the challenges and opportunities of educational technology in higher education from China and global perspectives.

Over the past two decades, enabled by many technological advances, teaching and learning in higher education has been undergoing a lot of changes, not only on instructional design and delivery but also on students' self-learning, academic advising and assessment. Online learning, blended learning, MOOC, game-based learning, AR/VR-assisted learning, advising with learning analytics, and the use of AI are exemplars of the use of educational technology. During the outbreak of the COVID-19 pandemic, higher education institutions have been practicing technology-mediated teaching and learning to the greatest extent to cope with the unusual circumstance, where students had been gradually adapted to many unprecedented learning experiences. Now, the pandemic is over and the new normal era has commenced. Interestingly, many changes in teaching and learning practices in higher education seem to be irreversible, implying that teachers and students are rather accustomed to various forms of technology-enhanced or technology-mediated teaching and learning. It is perhaps the right time for researchers and practitioners in the field to review the development of educational technology in the past, identify the challenges, and explore the opportunities ahead.

The workshop will be held at the Galaxy International Conference Centre in Macau, China on 1 August 2024 (14:00 to 18:00). Pre-workshop lunch (13:00 to 14:00) will be arranged.

## PROGRAMME

**1 August 2024**

13:00 to 14:00	<b>Lunch</b> (Venue: Room MR 21-22, 2/F, Galaxy International Conference Centre)
14:00 to 14:30	<b>Opening Remark</b> <ul style="list-style-type: none"><li>• overview and history of ETHE</li><li>• literature review of ETHE manuscripts</li><li>• ETHE from China and global perspectives</li></ul> <i>Josep M. Duarte, Editor-in-Chief, ETHE</i> (Venue: Room MR 23-26, 2/F, Galaxy International Conference Centre)
14:30 to 16:00	<b>Keynote and Panel Discussion</b> <ul style="list-style-type: none"><li>• educational technology over the past two decades</li><li>• recent development in teaching and learning practices</li><li>• new technological advances and their implications</li><li>• educational technology for new and changed practices</li><li>• challenges in educational technology development</li><li>• opportunities and prospects of educational technology</li></ul> <i>Moderator : Simon K.S. Cheung, Hong Kong Metropolitan University</i> <i>Speakers : Josep M. Duarte, Editor-in-Chief, ETHE</i> <i>Di Wu, Central China Normal University</i> <i>Katrine K. Wong, University of Macau</i> <i>Jun Li, Guangzhou University</i> <i>Lam For Kwok, Hong Kong College of Technology</i> <i>Fu Lee Wang, Hong Kong Metropolitan University</i> (Venue: Room MR 23-26, 2/F, Galaxy International Conference Centre)
16:00 to 16:30	<b>Coffee Break</b>
16:30 to 18:00	<b>Dialogue with Keynote and Panel</b> <ul style="list-style-type: none"><li>• publishing articles in top journals</li><li>• emerging research issues and topics</li><li>• latest educational technology development</li></ul> (Venue: Room MR 23-24, 2/F, Galaxy International Conference Centre)

## **Speakers' Biographies**

**Josep M. Duart.** Prof. Duart holds a doctorate (PhD) in Pedagogy from Ramon Llull University (URL), Barcelona, and a MBA from ESADE Business School, Barcelona. Since 1996 is a full professor in Psychology and Educational Sciences Department at the Universitat Oberta de Catalunya (UOC). He has been involved in several positions: Vice President for Postgraduate Studies and Lifelong Learning, former Director of the International Graduate Institute at UOC (2007-2013), and Director of the UNESCO Chair in e-Learning (2002-2009). Currently, he teaches in the education and technology field, educational models and quality and is a member of the Edul@b Research Group. He is the President of EDEN (Digital Learning Europe), Europe's leading network in Digital Education.

As a researcher specialising in Educational Technology, e-learning models and educational organisation, he leads and collaborates on research projects in educational policy, higher education leadership and ICT use. He has published several books and co-authored articles in international specialist journals. He has also lectured on ICTs in higher education at international conferences and European, American and Australian universities. He is the Editor-in-chief of ETHE (JCR Q1; Scopus Q1), founder member and coordinator of "The University of the Future Network". He is also a founder member and coordinator of Red Universitaria para la Educación con Tecnología (REDUNETE).

**Di Wu.** Prof. Di Wu is currently a professor of the Department of Artificial Intelligence Education, Central China Normal University. He is the deputy director of the China's National Engineering Research Center For E-Learning, executive deputy director of the Education Informatization Strategic Research Base, Ministry of Education, P.R.C. He also serves as a member of the Education Informatization Expert Group of the Ministry of Education, the deputy Chairman of the Technical (information technology, general technology) Teaching Guidance Committee of the Basic Education Teaching Steering Committee of the Ministry of Education. His research interests include digital education development policy and evaluation, digital literacy of teachers and students. He is the principal drafter of the China's national standard: Digital Literacy for Teachers. He has presided over a number of research projects and has been funded by National Science Foundation of China, National Social Science Foundation of China.

**Katrine K. Wong.** Prof. Wong, Director of the Centre for Teaching and Learning Enhancement at the University of Macau (UM), holds an associate professorship in English Literature. She writes on English Renaissance Drama and Music in Theatre. Her publication includes articles in top academic journals (including Adaptation and Early Theatre), book chapters with Oxford University Press, monograph Music and Gender in English Renaissance Drama (Routledge) and edited volumes such as Eastern and Western Synergies and Imaginations: Texts and Histories (Brill) and Macao - Cultural Interaction and Literary Representations (Routledge).

A Principal Fellow of Advance HE (PFHEA), Prof. Wong has given in the past five years over 30 keynote presentations, seminars and workshops at international and national/regional T&L events. Her areas of expertise include e-learning and pedagogical innovation, as well as Faculty Learning Communities (FLCs) on various topics including Teaching Portfolio, and Blended Learning. She has published on various topics of T&L in higher education. She led the creation of Creativity, the first MOOC from Macao that was launched in 2018 and is listed by the Ministry of Education of China as a national first-class undergraduate course.

**Jin Li.** Prof. Li is currently a professor and vice dean of School of Computer Science, Guangzhou University. He got his Ph.D degree in information security from Sun Yat-sen University at 2007. His research interests include Trust and Dependable Artificial Intelligence, Cloud computing, Blockchain. He proposed the method of secure fuzzy keyword search and reliable key management of deduplication in cloud computing. The papers and results in these topics have been widely cited and applied by researchers and industry. He served as a senior researcher and visiting professor at Korea Advanced Institute of Technology and Illinois Institute of Technology and VirginiaTech, respectively. He has published more than 100 papers in international conferences and journals, including IEEE TDSC, IEEE INFOCOM, IEEE TIFS, IEEE TPDS, IEEE TC and ESORICS etc.

He received three National Science Foundation of China (NSFC) Grants and more than ten Grants from Guangdong Province and other departments for the research on security and privacy in new computing environments. In 2017, he received NSFC Outstanding Youth Foundation. In 2018, he was selected as a Young Changjiang River Scholar in China. He is Editor-in-Chief of International Journal of Intelligent Systems (Impact Factor 7.2, Wiley), Associate Editor of IEEE Transactions on Dependable and Secure Computing, Information Sciences, Journal of Computer Science and Technology. He also has been guest editors for several journals such as MONET, JNCA and FGCS etc.

**Lam For Kwok.** Dr. Kwok is an information technology (IT) professional by training in the UK and Australia and has devoted his whole career in education and in nurturing young IT professionals. He is currently a Governor in the Hong Kong College of Technology (HKCT) Institute of Higher Education. Prior to this, he was an Associate Professor in the Department of Computer Science and the Executive Director of CUBIC (CityU Business and Industrial Club) at City University of Hong Kong.

Dr Kwok actively serves the academic and professional communities and has been acting as program chairs and organizing chairs of international conferences. He has acted as the Conference Chair of International Conference of Blended Learning (ICBL) and International Symposium of Educational Technology (ISET) from 2016 - 2021. He was the Chairman (2010-2012) of the IT Division, the Chairman (2013-2016) and currently a member of the Information Discipline Advisory Panel, Hong Kong Institution of Engineers. His research interests include cybersecurity, computers in education and smart learning environment.

**Fu Lee Wang.** Prof. Wang obtained his Bachelor of Engineering in Computer Engineering and Master of Philosophy in Computer Science and Information Systems from The University of Hong Kong, Master of Business Administration from Imperial College London, Master of Science in Mathematics (Financial Mathematics and Statistics) from The Hong Kong University of Science and Technology, and a Doctor of Philosophy in Systems Engineering and Engineering Management from The Chinese University of Hong Kong.

Prof. Wang has emerged as a seasoned academic administrator with excellent track record and exposure in teaching, programme development and administration. He started his academic career in City University of Hong Kong, and worked as Vice-President in the Caritas Institute of Higher Education and Caritas Bianchi College of Careers during 2012-2018. He is currently a Professor and the Dean of Science and Technology at Hong Kong Metropolitan University. Apart from his academic experiences, he has widely engaged in research and extensively published in leading journals. He has served as a principal investigator/project leader for more than thirty grants including six grants awarded by the Research Grants Council of HKSAR. He has published over 200 articles in refereed journals and conference proceedings, including Decision Support Systems, IEEE Transactions on Cybernetics, IEEE Intelligent Systems, IEEE Multimedia, IEEE Transactions on Affective Computing, Information & Management, Information Processing & Management, Information Sciences, Neurocomputing, and Optics and Lasers in Engineering among others. He was also the Chair of ACM Hong Kong Chapter and IEEE Hong Kong Section Computer Society.

**Simon K.S. Cheung.** Dr. Cheung obtained his BSc and PhD, both in Computer Science, from City University of Hong Kong, and his Master of Public Administration from University of Hong Kong. He also received executive training from Oxford's Saïd Business School and Harvard's Kennedy School of Government. Currently the Director of IT in Hong Kong Metropolitan University, Dr. Cheung has been working in the higher education sector (with Hong Kong Metropolitan University, University of Hong Kong, Hong Kong Baptist University, and Chinese University of Hong Kong) for over 30 years in various administrative capacities, mainly in IT and educational technology, while also assuming academic duties such as course development, teaching and research.

Published extensively with over 200 publications in two distinct areas, namely, technology in education, and software and systems engineering, Dr. Cheung currently serves in advisory board and editorial board for international journals, including ETHE, Australasian Journal of Educational Technology, SN Computer Science, and Societal Impacts. He also served as guest editor for other journals, including JCHE, ILE, Journal of Computers in Education, Interactive Technology and Smart Education, and International Journal of Innovation and Learning. He has delivered 20 keynote and invited speeches at international conferences. Awards in recognition of his achievements include the Outstanding Research Publication Award from the Hong Kong Metropolitan University, Outstanding CIO Award from Hong Kong IT Joint Council, and Honour for Excellence, CIO Award from CIO Asia.