

## **DR. SIMON K.S. CHEUNG**

BSc, PhD, MPA, CEng, CSci, CITP, FBCS, FIMA, FIET, FHKIE, FHKCS

### **Director of Information Technology**

### **Hong Kong Metropolitan University**

Good Shepherd Street, Homantin, Kowloon, Hong Kong

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### **Academic Qualifications**

BSc in Computer Science, City University of Hong Kong

PhD in Computer Science, City University of Hong Kong

Master of Public Administration, The University of Hong Kong

### **Professional Qualifications**

Chartered Engineer, Engineering Council, UK

Chartered Scientist, Science Council, UK

Chartered Information Technology Professional, UK

Fellow, British Computer Society, UK

Fellow, Institution of Engineering and Technology, UK

Fellow, Institute of Mathematics and its Applications, UK

Fellow, Hong Kong Computer Society, Hong Kong

Fellow, Hong Kong Institution of Engineers, Hong Kong

### **Appointments**

2010 – *now* Director of Information Technology  
Hong Kong Metropolitan University

2007 – 2010 Director of IT Services, SPACE  
The University of Hong Kong

1998 – 2007 Associate Head of Registry and IT Services (*from* 2003) / IT Manager, SCE  
Hong Kong Baptist University

1990 – 1998 Computer Officer (*from* 1991) / Assistant Computer Officer  
The Chinese University of Hong Kong

1994 – 1998 Part-time Teaching / Course Development  
The Open University of Hong Kong

1988 – 1990 Analyst / Programmer, Research Department  
Hong Kong Council of Social Services

## Academic Services

### Present and past services for international journals

- Int'l Advisory Board, International Journal of Educational Technology in Higher Education
- Associate Editor, Australasian Journal of Educational Technology
- Section Editor, Innovation and Technology in Education, SN Computer Science
- Topic Editor, Agile Blended Learning, Electronics
- Topic Advisory Panel, Mathematics
- Editorial Board, Societal Impacts, Elsevier
- Editorial Board, Educational Administration : Theory and Practice
- Editorial Board, The Educational Review
- Editorial Board, Frontiers in Education
- Editorial Board, Frontiers in Computer Science
- Editorial Board, Int'l Journal of Emerging Technology & Advanced Engineering
- Editorial Board, Information Engineering and Applied Computing
- Editorial Board, Journal of Control Engineering and Technology

### Present and past services for international conferences

- Chair, International Programme Committee, International Conference on Blended Learning, 2023, 2022, 2021, 2020, 2019, 2018, 2017 and 2016
- Chair, International Programme Committee, International Conference on Technology in Education, 2023, 2021, 2019, 2015 and 2014
- Vice Chair, International Programme Committee, International Conference on Open and Innovative Education, 2023, 2022, 2021
- Chair, International Programme Committee, International Symposium on Educational Technology, 2015
- Chair, International Programme Committee, International Conference on Hybrid Learning, 2015, 2014, 2013, 2012 and 2011
- Conference Chair, International Conference on Hybrid Learning, 2012
- Chair, International Programme Committee, International Conference on Machine Learning and Computing, 2012 and 2010
- Chair, International Programme Committee, International Conference on Electronics and Information Engineering, 2010
- Chair, International Programme Committee, International Conference on Software Technology and Engineering, 2009
- Chair, International Programme Committee, International Conference on Mechanical and Electronic Engineering, 2009

## Keynote and invited speeches for international conferences

- “Cloud Deployment of Enterprise Systems on 3-Tier Architecture for Cost-Performance Balance”, *International Conference on Information Technology and Computer Application*, Guangzhou, 2023.
- “Verification for Distributed Systems involving Conflicting Concurrent Processes”, *International Conference on Advances in Computer Science and Engineering Technology*, Guangzhou, 2023.
- “From Marked Graphs to Proper Augmented Marked Graphs : The Dining Philosopher Problem Revisited for Analysis of Conflicting Processes”, *International Conference on Information Science, Parallel and Distributed Systems*, Guangzhou, 2023.
- “Transformation of Teaching and Learning : Pandemic-driven Changes in the Use of Open Educational Resources”, *International Conference on Social Sciences, Economics, Management and Education*, Wuhan, 2023.
- “Recent Changes in Students’ Perception of Open Educational Resources”, *International Conference on Higher Education Research*, Xiamen, 2023.
- “The Journey of Hybrid Cloud Deployment of University Enterprise Systems”, *International Conference on E-Education, E-Business, E-Management and E-Learning*, Shenzhen, 2023.
- “Digital Transformation of Higher Education Courses during the Covid-19 Pandemic : A Study on the Usefulness of Open Educational Resources from Students’ Perspectives”, 中国人工智能学会智能教育技术专业委员会2022学术年会暨粤港澳教育数字化转型论坛, South China Normal University, Guangzhou, 2022.
- “A Case Study of Hybrid Cloud Deployment of Enterprise Systems for Cost-Performance Balance”, *International Conference on Wireless Communications, Networking and Applications*, Wuhan, 2022.
- “Augmented Marked Graphs : Theories and Applications”, *Combinatorics and Graph Theory Conference*, Xian, 2022.
- “The Dining Philosophers Problem Revisited”, *International Conference on Information System and Artificial Intelligence*, Changsha, 2021.
- “Usefulness of Open Educational Resources”, *International Conference on Information Technology in Education*, Xiamen, 2021.
- “Petri-net-based Modelling and Analysis of Flexible Manufacturing Systems”, *International Conference on Mechanical, Manufacturing, Modelling and Mechatronics*, Shenzhen, 2020.
- “Modelling and Analysis of Component-based Distributed Systems : A Formal Method Based on Augmented Marked Graphs”, *International Conference on Computer Engineering and Networks*, Changsha, 2019.

- “Augmented Marked Graph and its Applications to Component-based Software Engineering”, *International Conference on Information System and Artificial Intelligence*, Changsha, 2019.
- “Concurrent Process Control Using Augmented Marked Graphs”, *International Conference on Automation, Control and Robotics Engineering*, Shenzhen, 2019.
- “Hybrid Cloud Deployment of ERP-based System : A Case Study of a University Student Administration System”, *International Joint Conference on Information and Communication Engineering*, Shenzhen, 2019.
- “Concurrent Process Control for Component-based Distributed System Integration”, *International Conference on Information Technology and Applications*, Guilin, 2018.
- “Analysis of Concurrent Processes for Component-based Distributed Systems Involving Shared Resources”, *International Conference on Computational Modelling, Simulation and Applied Mathematics*, Wuhan, 2018.
- “Hybrid Cloud Deployment of an ERP-based Student Enrollment System”, *International Conference on Big Data and Cloud Computing*, Guangzhou, 2018.
- “Augmented Marked Graphs and the Modelling and Analysis of Concurrent Processes”, *International Conference on Electronics, Electrical Engineering and Information Science*, Guangzhou, 2017.
- “A Petri-Net Approach to Component-based Integration of Distributed Systems”, *International Conference on Computer Science and Mechanical Automation*, Wuhan, 2017.

## Professional Services

Present and past services for universities and institutions

- Honorary Advisor on IT, Hong Kong Academy for Performing Arts
- Honorary Consultant on e-Learning, Beijing Open University
- Mentor, Faculty of Engineering, University of Hong Kong
- Mentor, Department of Computer Science, City University of Hong Kong
- Steering Committee, Joint University Computer Centre, Hong Kong
- Planning Committee, Asia Higher Education User Group

Present and past services for Hong Kong Institution of Engineers (HKIE)

- Accreditation Committee for Computer Science Programmes, HKIE
- Deputy Chairman, Continuing Professional Development Committee, HKIE
- Honorary Secretary, Information Technology Division, HKIE
- Information Technology Advisory Committee, Administration Board, HKIE
- Conference Committee, Learned Society Board, HKIE
- Judging Panel, HKIE Prize for Outstanding Engineering Students, HKIE

Present and past services for other professional bodies and institutions

- Vice Chairman, International Hybrid Learning Society
- Vice President, Hong Kong Society for Multimedia and Image Computing
- Member, Hong Kong Information Technology Joint Council
- Panel of Experts, Shenzhen - Hong Kong Innovation Circle
- Assessor for Chartered Engineer, Engineering Council
- Assessor for Chartered Scientist, Science Council

### **Awards and Honours**

Outstanding Research Publication Award, the Open University of Hong Kong, 2016  
1<sup>st</sup> class Achievement in Computer Science, Shenzhen Science & Tech Association, 2016  
Honouree for IT Excellence, CIO Awards, 2016  
1<sup>st</sup> class Outstanding Chief Information Officer, Hong Kong IT Joint Council, 2015  
Hong Kong ICT Award (Best Business Solution) Special Award, 2015  
Excellent Paper Award, International Conference on ICT in Teaching & Learning, 2013  
Excellent Paper Award, International Conference on ICT in Teaching & Learning, 2012  
Best Paper Award, China Continuing Education Conference, 2009  
Best Presentation Award, Technology-Enhanced Learning, Academia Sinica, 2009  
Best Project Award, International conference on ICT in Teaching & Learning, 2008  
Excellent Team Performance Award, SPACE, University of Hong Kong, 2008  
Listed in Who's Who in Science and Engineering, since 2007

### **Research Interests**

Software and System Engineering

- component-based system design
- use-case driven system design
- Petri net
- concurrent process control

Technology in Teaching and Learning

- blended learning
- open educational resources
- mobile and ubiquitous learning
- e-learning systems

## LIST OF PUBLICATIONS

### Research Monograph

- **K.S. Cheung**, *Augmented Marked Graphs*, xii + 150 pages, Springer, 2014.

### Edited Books / Volumes in Book Series

- **K.S. Cheung**, F.L. Wang, N. Paoprasert, P. Charnsethikul, K.C. Li & K. Phusavat (Eds.), *Technology in Education : Innovative Practices for the New Normal*, Communications in Computer and Information Science, Vol. 1974, Springer, 2003.
- **K.S. Cheung**, F.L. Wang, L.F. Kwok, P. Poulouva (Eds.), *Personalized Learning : Approaches, Methods and Practices*, Routledge, 2023.
- R. Li, **K.S. Cheung**, F.L. Wang, L.F. Kwok & A. Lu (Eds.), *Blended Learning : Lessons Learned and Ways Forward*, Lecture Notes in Computer Science, Vol. 13978, Springer, 2023.
- Z. Qian, M.A. Jabbar, **K.S. Cheung** & X. Li (Eds.), *Proceeding of the 6th International Conference on Wireless Communications, Networking and Applications*, Lecture Notes in Electrical Engineering, Vol. 1059, Springer, 2023.
- R. Li, **K.S. Cheung**, Peter Ng, L.P. Wong & F.L. Wang (Eds.), *Blended Learning : Engaging Students in the New Normal Era*, Lecture Notes in Computer Science, Springer, Vol. 13357, Springer, 2022.
- R. Li, **K.S. Cheung**, C. Iwasaki, L.F. Kwok & M. Kageto (Eds.), *Blended Learning : Re-thinking and Re-defining the Learning Process*, Lecture Notes in Computer Science, Vol. 12830, Springer, 2021.
- **K.S. Cheung** (Ed.), *Proceedings of the 3rd International Conference on Cloud Technology and Communication Engineering*, IOP Conference Series : Materials Science and Engineering, Vol. 719, Institute of Physics, 2020.
- **K.S. Cheung**, R. Li, K. Phusavat, N. Paoprasert & L.F. Kwok (Eds.), *Blended Learning : Education in a Smart Learning Environment*, Lecture Notes in Computer Science, Vol. 12218, Springer, 2020.
- L.K. Lee, L.H. U, F.L. Wang, **K.S. Cheung**, T.S. Au & K.C. Li (Eds.), *Technology in Education : Innovations for Online Teaching and Learning*, Communications in Computer and Information Science, Vol. 1302, Springer, 2020.
- **K.S. Cheung** & J. Tseng (Eds.), *Proceedings of the 5th International Conference on Information System and Artificial Intelligence*, IOP conference Series, Vol. 1575, Institute of Physics, 2020.
- **K.S. Cheung**, L.K. Lee, I. Simonova, T. Kozel & L.F. Kwok (Eds.), *Blended Learning : Educational Innovation for Personalized Learning*, Lecture Notes in Computer Science, Vol. 11546, Springer, 2019.

- **K.S. Cheung**, J. Jiao, L.K. Lee, X. Zhang, K.C. Li & Z. Zhan (Eds.), *Technology in Education : New Experience and Practices*, Communications in Computer and Information Science, Vol. 1048, Springer, 2019.
- **K.S. Cheung** & J. Tseng (Eds.), *Proceedings of the 4<sup>th</sup> International Conference on Information System and Artificial Intelligence*, IOP Conference Series, Vol. 1302, Institute of Physics, 2019.
- M. Huang, **K.S. Cheung**, J. Jiao, K.K. Ng, X. Zhang & K.C. Li (Eds.), *Proceedings of the International Conference on Technology in Education*, International Hybrid Learning Society, 2019.
- Y.C. Hu, W.T. Sung & **K.S. Cheung** (Eds.), *Proceedings of the 2<sup>nd</sup> International Conference on Cloud Technology and Communication Engineering*, IOP Conference Series, Vol. 466, Institute of Physics, 2018.
- **K.S. Cheung**, L.F. Kwok, K. Kubota, L.K. Lee & J. Tokito (Eds.), *Blended Learning : Enhancing Learning Success*, Lecture Notes in Computer Science, Vol. 10949, Springer, 2018.
- **K.S. Cheung**, J. Lam, K.C. Li, O. Au, W. Ma & W.S. Ho (Eds.), *Technology in Education : Innovative Solutions and Practices*, Communications in Computer and Information Science, Vol. 843, Springer, 2018.
- **K.S. Cheung**, L.F. Kwok, W.K. Ma, L.K. Lee & H. Yang (Eds.), *Blended Learning : New Challenges and Innovative Practices*, Lecture Notes in Computer Science, Vol. 10309, Springer, 2017.
- **K.S. Cheung** (Ed.), *Proceedings of the International Conference on Electronics, Electrical Engineering and Information Science 2017*, Advances in Engineering Research, Vol. 131, Atlantis Press, 2017.
- **K.S. Cheung** (Ed.), *Proceedings of the 3rd International Conference on Computer Science and Mechanical Automation*, Transactions on Computer Science and Engineering, DEStech Publication, 2017.
- C. Liu & **K.S. Cheung** (Eds.), *Proceedings of the International Conference on Management, Education and Social Science 2017*, Advances in Social Science, Education and Humanities, Vol. 72, Atlantis Press, 2017.
- **K.S. Cheung**, L.F. Kwok, J. Shang, A. Wang & R. Kwan (Eds.), *Blended Learning : Aligning Theory with Practices*, Lecture Notes in Computer Science, Vol. 9757, Springer, 2016.
- **K.S. Cheung**, L.F. Kwok, H. Yang, J. Fong & R. Kwan (Eds.), *Hybrid Learning : Innovation in Educational Practices*, Lecture Notes in Computer Science, Vol. 9167, Springer, 2015.
- **K.S. Cheung**, J. Lam, K.C. Li, F.L. Wang & T.L. Wong (Eds.), *Proceedings of the International Conference on Technology in Education*, viii + 335, The Open University of Hong Kong, 2015.
- J. Lam, K.K. Ng, **K.S. Cheung**, T.L. Wong, K.C. Li & F.L. Wang (Eds.), *Technology in Education : Technology-Mediated Proactive Learning*, Communications in Computer and Information Science, Vol. 559, Springer, 2015.

- K.C. Li, T.L. Wong, **K.S. Cheung**, J. Lam & K.K. Ng (Eds.), *Technology in Education : Transforming Educational Practices with Technology*, Communications in Computer and Information Science, Vol. 494, Springer, 2015.
- **K.S. Cheung**, J. Fong, J. Zhang, R. Kwan & L.F. Kwok (Eds.), *Hybrid Learning in Practice*, Lecture Notes in Computer Science, Vol. 8595, Springer, 2014.
- T.L. Wong, K.C. Li, **K.S. Cheung**, J. Lam & F.L. Wang (Eds.), *Proceedings of the International Conference on Technology in Education*, The Open University of Hong Kong, 2014.
- **K.S. Cheung**, J. Fong, W. Fong, F.L. Wang & L.F. Kwok (Eds.), *Hybrid Learning and Continuing Education*, Lecture Notes in Computer Science, Vol. 8038, Springer, 2013.
- J. Lam, K.C. Li, **K.S. Cheung** & F.L. Wang (Eds.), *Knowledge Sharing Through Technology*, Communications in Computer & Information Science, Vol. 407, Springer, 2013.
- **K.S. Cheung**, J. Fong, L.F. Kwok, K. Li & R. Kwan (Eds.), *Hybrid Learning*, Lecture Notes in Computer Science, Vol. 7411, Springer, 2012.
- K.C. Li, F.L. Wang, K.S. Yuen, **K.S. Cheung** & R. Kwan (Eds.), *Engaging Learners Through Emerging Technologies*, Communications in Computer & Information Science, Vol. 302, Springer, 2012.
- K.C. Li, F.L. Wang, K.S. Yuen, **K.S. Cheung** & R. Kwan (Eds.), *Proceedings of the International Conference on ICT in Teaching and Learning*, The Open University of Hong Kong, 2012.
- V. Lee, F.L. Wang, **K.S. Cheung** & A. Hung (Eds.), *Blended Learning : Maximization of Teaching and Learning Effectiveness*, City University of Hong Kong, 2011.
- P. Tsang, **K.S. Cheung**, V. Lee & R. Huang (Eds.), *Hybrid Learning*, Lecture Notes in Computer Science, Vol. 6248, Springer, 2010.

### Edited Journal Special Issues

- H.H. Yang, R. Li, **K.S. Cheung**, L.F. Kwok, L.K. Lee (Eds.), Special Issue on Sustainable Inspiration of Flexible Education, Second Edition, *Sustainability*, MDPI (to appear).
- N. Paoprasert, **K.S. Cheung**, K.C. Li & P. Charnsethikul (Eds.), Special Issue on Technology-Mediated Learning: Innovative Practices for the New Normal, *International Journal of Innovation and Learning*, Inderscience (to appear).
- R. Li, L.F. Kwok & **K.S. Cheung** (Eds.), Special Issue on Innovative Teaching and Learning Practices for the New Normal, *Journal of Educational Technology Development and Exchange*, University of South Mississippi (to appear).
- K.C. Li, T.M. Wong, R. Kwan & **K.S. Cheung** (Eds.), Special Issue on Technological Mediation in Learner-centred Pedagogies, *Interactive Technology and Smart Education*, Emerald (to appear).



- H.H. Yang, R. Li, **K.S. Cheung** & L.F. Kwok (Eds.), Special Issue on Sustainable Inspiration of Flexible Education, *Sustainability*, Vol. 15, No. 14915, MDPI, 2023.
- K.C. Li, T.M. Wong, R. Kwan & **K.S. Cheung** (Eds.), Special Issue on Catering for Learner Diversity with Technological Advances, *Interactive Technology and Smart Education*, Vol. 20, No. 3, Emerald, 2023.
- **K.S. Cheung**, F.L. Wang & L.F. Kwok (Eds.), Special Issue on Redefining the Learning Process Through Educational and Technological Innovations, *Journal of Computing in Higher Education*, Vol. 35, No. 1, Springer, 2023.
- K.C. Li, T.M. Wong, R. Kwan & **K.S. Cheung** (Eds.), Special Issue on Personalisation in open and flexible learning environments, *Interactive Technology and Smart Education*, Vol. 19, No. 4, Emerald, 2022.
- L.K. Lee, N. Paopraert, F.L. Wang, & **K.S. Cheung** (Eds.), Special Issue on Smart Learning, *International Journal on Innovation and Learning*, Vol. 31, No. 2, Inderscience 2022.
- K.C. Li, T.M. Wong, R. Kwan & **K.S. Cheung** (Eds.), Special Issue on Educational Innovations in the Smart Digital Era, *Interactive Technology and Smart Education*, Vol. 19, No. 1, Emerald, 2022.
- **K.S. Cheung**, L.F. Kwok, K. Phusavat, & H. Yang (Eds.), Thematic Issue on Future Learning Environment : Pedagogical and Technological Perspectives, *International Journal of Educational Technology in Higher Education*, Vol. 18, No. 6, Springer, 2021.
- **K.S. Cheung**, F.L. Wang, & L.F. Kwok (Eds.), Special Issue on Smart Learning Environment, *Australasian Journal of Educational Technology*, Vol. 37, No. 2, ASCILITE, 2021.
- A. Paul, **K.S. Cheung**, C.C. Ho & S. Din (Eds.), Special Section on Fuzzy System for Economy Back on Track, *Journal of Intelligent and Fuzzy Systems*, Vol. 40, No. 4, IOS Press, 2021.
- **K.S. Cheung**, M. Cerna, I. Simonova, & R. Kwan (Eds.), Special Issue on Technology-Enabled Active and Personalized Learning, *International Journal of Innovation and Learning*, Vol. 30, No.3, Inderscience, 2021.
- K.C. Li, **K.S. Cheung**, T.S. Au, & R. Kwan (Eds.), Special Issue on Technological Innovations for Enhancing Effectiveness in Education, *International Journal of Innovation and Learning*, Vol. 29, No. 3, Inderscience, 2021.
- **K.S. Cheung**, F.L. Wang, L.F. Kwok, & P. Poulouva (Eds.), Special Issue on Personalized Learning, *Interactive Learning Environments*, Vol. 29, No. 2, Routledge, 2021.
- L.K. Lee, F.L. Wang, **K.S. Cheung** & L.F. Kwok (Eds.), Special Issue on Trends in Learning Analytics, *Journal of Computers in Education*, Vol. 7, No. 1, Springer, 2020.
- **K.S. Cheung**, F.L. Wang, T.S. Au & S. Ng (Eds.), Special Issue on Enhancing Learning Effectiveness with Innovative Multifaceted Learning, *International Journal of Innovation and Learning*, Vol. 27, No. 4, Inderscience, 2020.

- **K.S. Cheung** & F.L. Wang (Eds.), Special Issue on Blended Learning, *Journal of Computing in Higher Education*, Vol. 31, No. 2, Springer, 2019.
- **K.S. Cheung**, L.F. Kwok, W. Ma, H. Yang & J. Shang (Eds.), Special Issue on Innovative Application of Technology in Education, *International Journal of Innovation and Learning*, Vol. 25, No. 2, Inderscience, 2019.
- **K.S. Cheung**, F.L. Wang & Y. Xie (Eds.), Special Issue on Innovative Practices of Blended Learning, *Open Learning : The Journal of Open and Distance Learning*, Vol. 33, No. 2, Routledge, 2018.
- **K.S. Cheung**, L.F. Kwok, T.S. Au & L.F. Kwok (Eds.), Special Issue on Technological Innovation in Teaching and Learning Practices, *International Journal of Innovation and Learning*, Vol. 23, No. 4, Inderscience, 2018.
- F.L. Wang, K.C. Li, **K.S. Cheung** & K.K. Ng (Eds.), Special Issue on Studies on Emerging Learning Tools and Approaches, *International Journal of Services and Standards*, Vol. 12, No. 3, Inderscience, 2018.
- **K.S. Cheung**, F.L. Wang, T.S. Au & L.F. Kwok (Eds.), Special Issue on Technology-Enhanced Learning : Aligning Innovation with Practice, *International Journal of Innovation and Learning*, Vol. 21, No. 4, Inderscience, 2017.
- **K.S. Cheung**, F. L. Wang, K.C. Li, J. Lam & R. Kwan (Eds.), Special Issue on Technology-Mediated Learning, *International Journal of Services and Standards*, Vol. 11, No. 2, Inderscience, 2016.
- **K.S. Cheung** & F.L. Wang (Eds.), Special Issue on Open, Flexible and Personalized Learning, *International Journal of Innovation and Learning*, Vol. 19, No. 4, Inderscience, 2016.
- F.L. Wang, R. Kwan, K.C. Li & **K.S. Cheung** (Eds.), Special Issue on Online Education, *International Journal of Services and Standards*, Vol.10, No. 4, Inderscience, 2015.

## Journal Articles

- **K.S. Cheung**, F.L. Wang & L.F. Kwok, "Online Learning and Blended Learning: New Practices Derived from the Pandemic-Driven Disruption", *Journal of Computing in Higher Education*, Vol. 35, No. 1, pp. 1-5, Springer 2023.
- **K.S. Cheung**, T.M. Wong & K.C. Li, "Perceived Usefulness of Open Educational Resources : Impact of Switching to Online Learning for Face-to-Face and Distance Learners", *Frontiers in Psychology*, Vol. 13, 1004459, 2023.
- T.M. Wong, K.C. Li, H.T. Chan, **K.S. Cheung**, "HyFlex Learning Research and Practice: A Longitudinal Analysis", *Sustainability*, Vol. 15, 9699, MDPI, 2023.
- K.C. Li, T.M. Wong, R. Kwan, H.T. Chan, M.F. Wu & **K.S. Cheung**, "Evaluation of Hybrid Learning and Teaching Practices: The Perspective of Academics", *Sustainability*, Vol. 15, 6780, MDPI, 2023.

- H.H. Yang, R. Li, **K.S. Cheung** & L.F. Kwok, "Unleashing the Potentials of Flexible Education with Pedagogical and Technological Innovations", *Sustainability*, Vol. 15, 14915, MDPI, 2023.
- T.M. Wong, K.C. Li, & **K.S. Cheung**, "An Analysis of Learning Analytics in Personalised Learning", *Journal of Computing in Higher Education*, Vol. 35, No. 3, pp. 371-390, Springer, 2023.
- T.Y.T. Suen, **K.S. Cheung**, F.L. Wang & J.Y.K. Hui, "Effects of Intrinsic and Extrinsic Motivational Factors on Employee Participation in Internal Crowdsourcing Initiatives in China", *Sustainability*, Vol. 14, 8878, MDPI, 2022.
- **K.S. Cheung**, L.F. Kwok, K. Phusavat & H. Yang, "Shaping the Future Learning Environments with Smart Elements : Challenges and Opportunities", *International Journal of Educational Technology in Higher Education*, Vol. 18, No. 6, pp. 1-9, Springer, 2021.
- **K.S. Cheung**, F.L. Wang, & L.F. Kwok, "The Continuous Pursuit of Smart Learning", *Australasian Journal of Educational Technology*, Vol. 37, No. 2, pp. 1-6, ASCILITE, 2021.
- **K.S. Cheung**, F.L. Wang, L.F. Kwok, & P. Poulova, "In Search of the Good Practices of Personalized Learning", *Interactive Learning Environments*, Vol. 29, No. 2, pp. 179-181, Routledge, 2020.
- L.K. Lee, **K.S. Cheung** & L.F. Kwok, "Learning Analytics : Current Trends and Innovative Practices", *Journal of Computers in Education*, Vol. 7, No. 1, pp. 1-6, Springer, 2020.
- **K.S. Cheung** & F.L. Wang, "Blended Learning in Practice", *Journal of Computing in Higher Education*, Vol. 31, No. 2, pp. 229-232, Springer, 2019.
- **K.S. Cheung**, "Proper Augmented Marked Graphs : Properties, Characterizations and Applications", *Information Technology and Control*, Vol. 46, No. 1, pp. 5-15, 2017.
- **K.S. Cheung**, "Use-Case-Preserving Integration of Distributed System Components with Shared Resources", *Global Journal on Control Engineering and Technology*, Vol. 3, pp. 1-5, 2017.
- **K.S. Cheung**, "Technical Considerations in the Development of an Online Platform for Open Textbooks", *International Journal of Innovation and Learning*, Vol. 19, No. 4, pp. 362-376, Inderscience, 2016.
- **K.S. Cheung**, "A Review on the IT Governance Models in Higher Education Institutions", *Journal of East China Normal University (Natural Science)*, Vol. 2015-S1, pp. 29-33, 2015.
- **K.S. Cheung**, K.S. Yuen, K.C. Li, E. Tsang & A. Wong, "Open Textbooks : Engaging Education Stakeholders to Share Learning Resources", *International Journal of Services and Standards*, Vol. 10, No. 4, pp. 225-239, Inderscience, 2015.
- Y. Zhuang, L.F. Kwok & **K.S. Cheung**, "Design and Implementation of Intelligent Tutoring Systems on Mobile Devices", *International Journal of Innovation and Learning*, Vol. 18, No. 2, pp.168-184, Inderscience, 2015.

- **K.S. Cheung**, “A Survey on the Use of Mobile Devices for Learning Purposes”, *International Journal of Innovation and Learning*, Vol. 16, No. 2, pp. 192-202, Inderscience, 2014.
- J. Fong, T. Au & **K.S. Cheung**, “A Case Study on Hybrid Learning with Archived Lectures and Tutorials”, *International Journal of Innovation and Learning*, Vol. 13, No. 4, pp. 421-429, Inderscience, 2013.
- J. Lam, N. Lau, C. Shim & **K.S. Cheung**, “Design and Development Process for Blended Learning Courses”, *International Journal of Innovation and Learning*, Vol. 13, No. 3, pp. 322-338, Inderscience, 2013.
- **K.S. Cheung**, “A Study on the Implementation of Electronic Workflow Systems in Higher Education Institutions”, *Scientific Journal of E-Business*, Vol. 1, No. 1, pp. 23-28, 2012.
- **K.S. Cheung**, “IT Applications through Cloud Computing and Mobile Technology”, *Hong Kong Engineers*, Vol. 39, No. 9, pp. 14-15, 2011.
- **K.S. Cheung** & K.O. Chow, “A Petri-net-based Method for Refining Object Behavioural Specifications”, *Informatica*, Vol. 33, No. 2, pp. 221-232, 2009.
- **K.S. Cheung**, J. Lam & J. Yau, “A Review of Functional Features of E-Learning Platform in the Continuing Education Context”, *International Journal of Continuing Education and Lifelong Learning*, Vol. 2, No. 1, pp.103-116, 2009.
- **K.S. Cheung**, “Augmented Marked Graphs”, *Informatica : An International Journal of Computing and Informatics*, Vol. 32, No. 1, pp. 85-94, 2008.
- **K.S. Cheung**, “Compositional Synthesis of Distributed System Components based on Augmented Marked Graphs”, *Journal of Computer Science and Technology*, Vol. 8, No. 1, pp. 34-40, 2008.
- **K.S. Cheung**, J.Lam, T. Im, & J. Yan., “探讨以教育学为主导之网络数字课程的发展”, *继续教育期刊*, November 2008, pp. 71-73, Tsinghua University, 2008.
- **K.S. Cheung**, “Property-Preserving Composition of Augmented Marked Graphs for System Integration”, *International Journal of Intelligent Information Technology Application*, Vol. 1, No. 3, pp. 107-113, 2008.
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