



Curriculum Vitae

(Abridged)

Professor Dr Wong Su Luan

Faculty of Educational Studies
Universiti Putra Malaysia
Malaysia

Senior Associate Editor

The Asia-Pacific Education
Researcher, ISI Thomson Reuters,
IF=0.958 (2013-2020)

Editor-in-Chief

Pertanika Journal of Social Sciences
and Humanities, Scopus, (2020-2021)

Past President

Asia Pacific Society of Computers in
Education, (2016-2017)

Executive Committee Member

Asia-Pacific Society for Computers in
Education (2006-2024)

H-index

20 (Scopus)

39 (Google Scholar)



BIODATA

Name	: Dr. WONG SU LUAN
Department/Faculty/	: Department of Science and Technical Education/Faculty of Educational Studies/
Field of Specialisation	: Information Technology in Education
Areas of interest	: Integration of ICT in teacher education, Interest-based learning, Instrument development, Alternative assessment, Rubrics development, Scholarship of teaching and learning
Current Position	: Professor, Department of Science and Technical Education, Faculty of Educational Studies, Universiti Putra Malaysia
Personal Homepage	: https://sites.google.com/upm.edu.my/suluan
Academic Qualifications	: Bachelor of Education Majoring in Agricultural Science (Honours), Second Class Upper. Universiti Pertanian Malaysia (July 1992-May 1996) : Master of Science in Information Technology, Distinction. Loughborough University, UK (Sept 1997- Sept 1998) : Doctor of Philosophy, Educational Technology, Universiti Putra Malaysia (Feb 1999- Jan 2002)

INVITED SPEAKER (5 most recent)

Invited Panel Speaker (2023), What are the impacts of Seamless IDC theory & practice towards future learning in Asia and beyond?, 1st MetaACES, 14-16 June 2023, Hong Kong organised by The Education University of Hong Kong.

Keynote speaker (2022), International Conference on Computers in Education, 10-11 October 2019, Kuala Lumpur, Malaysia, 28 November – 2 December 2022, organised by Asia-Pacific Society of Computers in Education

Keynote speaker (2022), Taiwan Association for Educational Communications and Technology (TAECT) 2022 Annual Meeting, Taipei, Taiwan, 9-10 December 2022, organised by Graduate School of Curriculum and Instructional Communications Technology, National Taipei University of Education, Taiwan.

Plenary speaker (2021), GloCALLVirtual Conference, 17th November 2021, organised by HELP University and PacCALL.

Keynote speaker (2019), International Conference on Learning and Innovation, 10-11 October 2019, Malang, Indonesia, organised by Universitas Malang, Indonesia.

STUDENT SUPERVISION

Category	SUPERVISOR					
	Current Student			Graduated		
	PhD	Master	Total	PhD	Master	Total
Chairman	4	0	4	10	8	18
Member	4	2	6	9	6	15
Total	8	2	10	19	14	33

PUBLICATIONS

Journals (20 most recent)

1. Chen Liu, **Wong Su Luan** & How Shwu Pyng (in press). A systematic review of factors influencing students' behavioral intention to adopt online homework. *Journal of Computers in Education*. <https://doi.org/10.1007/s40692-023-00295-7>.
2. Gao Yanjun, **Wong Su Luan**, Mas Nida Md Khambari, Nooreen Noordin, Jengxin Geng & Yun Bai (2023). Factors Affecting English Language Teachers' Behavioral Intentions to Teach Online under the Pandemic Normalization of COVID-19 in China, *Behavioural Sciences*, 13(624), 1-21.

3. Chan, T.-W., Looi, C.-K., **Wong, S. L.**, Kong, S.-C., & Shih, J.-L. (2023). Replies to commentaries on IDC Theory in practice. *Research and Practice in Technology Enhanced Learning*, 18. Retrieved from <https://rptel.apsce.net/index.php/RPTEL/article/view/2023-18025>
4. Looi, C.-K., **Wong, S. L.**, Kong, S.-C., Chan, T.-W., Shih, J.-L., Chang, B., Wu, Y.-T., Liu, C.-C., Yeh, C. Y. C., Chen, Z.-H., Chien, T.-C., Chou, C.-Y., Hung, H.-C., Cheng, H., & Liao, C. C. Y. (2023). Interest-driven creator theory: Case study of embodiment in an experimental school in Taiwan. *Research and Practice in Technology Enhanced Learning*, 18. <https://rptel.apsce.net/index.php/RPTEL/article/view/2023-18023>
5. **Wong Su Luan**, Mas Nida Md Khambari, Wong Lung Hsiang & Tang Sai Hong (2023). Exploring the development of student teachers' interest in educational technology through Interest Driven Creator Theory. *Research and Practice in Technology Enhanced Learning*. 18(39), 1-21.
6. Voon Xin Pei, **Wong Su Luan**, Wong Lung Hsiang, Mas Nida Md. Khambari , Sharifah Intan Sharina Syed-Abdullah (2023). Developing pre-service teachers' computational thinking through experiential learning: hybridisation of plugged and unplugged approaches. *Research and Practice in Technology Enhanced Learning*, 18(6), 1-27.
7. Chen Liu, **Wong Su Luan**, How Shwu Pyng (2023). A systematic review of factors influencing student interest in online homework. *Research and Practice in Technology Enhanced Learning*, 18(39), 1-21.
8. Gao Yanjun, **Wong Su Luan**, Mas Nida Md Khambari & Nooreen Noordin (2022). Sustainable Development of E-learning in Higher Education: A Study of Its Scientific Productions in Scopus from 2019 to 2021, *Sustainability*, 14(14005), 1-21.
9. Gao Yanjun, **Wong Su Luan**, Mas Nida Md Khambari & Nooreen Noordin (2022). Assessing the Relationship between English as a Foreign Language (EFL) Teachers' Self-Efficacy and Their Acceptance of Online Teaching in the Chinese Context, *Sustainability*, 14(13434), 1-17.
10. Gao Yanjun, **Wong Su Luan**, Mas Nida Md Khambari & Nooreen Noordin (2022). A bibliometric analysis of online faculty professional development in higher education. *Research and Practice in Technology Enhanced Learning*, 17(17), 1-19.
11. Gao Yanjun, **Wong Su Luan**, Mas Nida Md Khambari & Nooreen Noordin (2022). A Bibliometric Analysis of the Scientific Production of E-learning in Higher Education (1998-2020). *International Journal of Information and Education Technology*. 12(5), 390-399.
12. Giita Silverajah, **Wong Su Luan**, Ananda Govindaraj, Rahmita Wirza OK Rahmat & Ann Rosnida Md Deni (2022). A systematic review of self-regulated

learning in flipped classrooms: Key findings, measurement methods, and potential directions. *IEEE Access*. 10, 20270-20294.

13. Voon Xin Pei, **Wong Su Luan**, Wong Lung Hsiang, Mas Nida Md. Khambari , Sharifah Intan Sharina Syed-Abdullah (2022). Developing Computational Thinking competencies through constructivist argumentation learning: A problem-solving perspective. *International Journal of Information and Education Technology*, 12(6), 529-539.
14. Emelia Fantoza, **Wong Su Luan**, Soaib Asimiran & Mas Nida Md Khambari (2022). Contemporary communication conduit among exemplar school principals in Malaysian schools. *Research and Practice in Technology Enhanced Learning*, 17(1), 4.
15. Wang Dan., Mas Nida Md Khambari, **Wong Su Luan**, Abu Bakar Razali (2021). Exploring interest formation in english learning through xplorerafe+: A gamified ar mobile app. *Sustainability*. 13(22),12792.
16. Priscilla Moses & **Wong Su Luan** (2021). Teachers' Use of Technology: Examining the Domains of Laptop Competence. *EAI Endorsed Transactions on E-Learning*, 18(2), 1-12.
17. Wong Shu Ling, & **Wong Su Luan** (2021). Effects of Motivational Adaptive Instruction on Student Motivation Towards Mathematics in a Technology-Enhanced Learning Classroom. *Contemporary Educational Technology*, 13(4), ep326. <https://doi.org/10.30935/cedtech/11199>
18. Emelia Fantoza Saraih, **Wong Su Luan**, Soaib Asimiran and Mas Nida Md Khambari (2021). Understanding Digital Public Relations Practices among Exemplar School Principals in Malaysian Schools. *Pertanika Journal of Social Sciences and Humanities*, 29(2), 1273-1291.
19. Keetanjaly Arivayagan, Suhaida Abdul Kadir, **Wong Su Luan** & Arnida Abdullah (2020). Predictor of Parental Involvement in Malaysian Secondary Schools. *Pertanika Journal of Social Sciences and Humanities*. 28(3),
20. Tan Boon See & **Wong Su Luan** (2020). Learning Principles of Accounting in ICT-Supported Learning Environments of Malaysian Secondary Schools: Future-Oriented Approach. *Research and Practice in Technology Enhanced Learning*. 15(11), 1-23 [Scopus]

Chapters in Books (5 most recent)

1. Mas Nida Md. Khambari, **Wong Su Luan**, Noris Mohd Norowi, Rahmita Wirza O.K. Rahmat, Azrul Hazri Jantan, Tengku Fadilah Tengku Kamalden, Christye Majuddin (2022). PutraPacer: Alat “Penaksiran Terbeza” (Differentiated Assessment) Bagi Pembelajaran dengan Pelajar Pelbagai Keupayaan. In Mohd. Zariat Abdul Rani & Nor Azirawani Man (Eds.) Penyelidikan dan Inovasi

dalam Pendidikan (pp.106-110). Serdang: Pusat Pembangunan Akademik, UPM

2. **Wong Su Luan** & Mas Nida Md Khambari (2021). Rubrics development. In A.R. Fauziah (Ed.), *Alternative assessment in higher education: A practical guide to assessing learning* (pp.73-82). Putrajaya: Kementerian Pelajaran Malaysia.
3. Cheok Mei Lick, **Wong Su Luan**, Ahmad Fauzi Mohd Ayub & Rosnaini Mahmud (2020). ICT Integration in Malaysian Education Scenario. In: Looi CK., Zhang H., Gao Y., Wu L. (eds) *ICT in Education and Implications for the Belt and Road Initiative*. Lecture Notes in Educational Technology. Springer, Singapore.
https://doi.org/10.1007/978-981-15-6157-3_7 [Scopus]
4. **Wong Su Luan** & Mas Nida Md Khambari (2019). Unpacking the Scholarship of Teaching and Learning for Academics. In S.L. Wong et al. (Eds.), *Scholarship of Teaching and Learning @ UPM*. Serdang: Centre for Academic Development.
5. Jon Mason, Wong Su Luan & Eunice Sari (2018). Mindset change—Questioning skills for educator development. In S.L. Wong & Z. Kasim (Eds.), *Trends and Issues in Higher Education* (pp.45-52). Serdang, Selangor: Centre for Academic Development.

Book (5 most recent)

1. **Wong Su Luan** (2023). *ICT for Teacher Education in the 21st Century: Do Student Affective Traits Matter?* Serdang: Universiti Putra Malaysia Press. [Inaugural Lecture Book Series]
2. **Wong Su Luan**, Zainal Abidin Talib, Rahmita Wirza O.K. Rahmat, Wan Azizun Wan Adnan, Noor Syamilah Zakaria & Yasminani Mohamad (2019). *Putra Alternative Assessment (PrAise)*. Serdang: Centre for Academic Development.
3. M. Iqbal Saripan, Muta Harah Zakaria, **Wong Su Luan**, Mohd Zariat Abdul Rani, Nurfadhlinah Mohd Sharef & Rosdi Wah (2019). *UPM Academic Transformation*. Serdang: Centre for Academic Development.
4. **Wong Su Luan**, Mas Nida Md Khambari, Abu Bakar Mohamed Razali, Suraya Abdul Rashid & Florence Toh Haw Ching (Eds.) (2019). *Scholarship of Teaching and Learning @ UPM*. Serdang: Centre for Academic Development.
5. **Wong Su Luan** & Zalina Kasim (2018). *Trends and Issues in Higher Education* (pp.45-52). Serdang, Selangor: Centre for Academic Development.

International Proceedings (10 most recent)

1. **Wong Su Luan**, Mas Nida Md Khambari & Tang Sai Hong (2023). Role of Seamless Learning in Enhancing Interest-Driven Creator Theory. In Shih, J.L. et al. (Eds.) Proceedings of the 31st International Conference on Computers in Education. Matsue: Asia-Pacific Society for Computers in Education. pp.760-764. [Scopus].
2. Voon Xin Pei, **Wong Su Luan**, Wong Lung Hsiang, Mas Nida Md. Khambari, Sharifah Intan Sharina Syed-Abdullah (2022). Role of Peer Assessment in Facilitating Computational Thinking among Pre-Service Teachers. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education (Volumn II). Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.584-586. [Scopus]
3. **Wong Su Luan** & Mas Nida Md Khambari (2022). Multimodal Learning during the COVID19 Pandemic: Exploring Students' Preferences. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education (Volumn II). Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.173-177. [Scopus]
4. Mas Nida Md Khambari, **Wong Su Luan**, Noor Syamilah Zakaria, Kamilah Abdullah, Priscilla Moses and Siti Raba'ah Hamzah (2022). Identifying the Dimensions of Teachers' Digital Learning Agility in the Age of Exponential Technology Use. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education (Volumn II). Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.149-154. [Scopus]
5. **Wong Su Luan** & Mas Nida Md Khambari (2022). Multimodal Learning during the COVID19 Pandemic: Exploring Students' Preferences. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education (Volumn II). Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.173-177. [Scopus].
6. Priscilla Moses, Cheah Phaik Kin, Phoebe Yap Soong Yee, Mas Nida Md Khambari & **Wong Su Luan** (2022). Behind-the-Scenes: Challenges to Integrate Google Classroom in Teaching and Learning. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education (Volumn II). Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.164-172. [Scopus]
7. Teh Liang Jing & **Wong Su Luan** (2022). Impact of Prolonged COVID-19 Pandemic on the Social Networking Sites Usage and Psychological Distress among University Students. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education (Volumn II). Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.247-253. [Scopus]
8. Azlan Ahmad, Marzni Mohamed Mokhtar & **Wong Su Luan** (2022). The Acceptance of Online Continuous Professional Development (CPD) among Remedial Education Teachers in Pahang, Malaysia. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education

(Volumn II). Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.570-574. [Scopus]

9. Gao Yanjun, **Wong Su Luan**, Mas Nida Md. Khambari, Nooreen Noordin & Jingxin Geng (2022). Chinese EFL Teachers' Reflections of Online English Teaching during the COVID-19 Pandemic: A Qualitative Study. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education (Volumn II). Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.699-701. [Scopus]
10. Chen Liu, **Wong Su Luan** & How Shwu Pyng (2022). Predicting Chinese Secondary School Students' Behavioral Intention to Use an Online Homework System. In Iyer, S. et al. (Eds.) Proceedings of the 30th International Conference on Computers in Education. Kuala Lumpur: Asia-Pacific Society for Computers in Education. pp.709-713. [Scopus]

Intellectual Property - Copyright (5 most recent)

1. Wong Su Luan, Mas Nida Md Khambari, Rahmita Wirza O.K.Rahmat & Norliza Ibrahim. Rubric-Easy (Rubi-E) © UPM (2 December 2022), LY2022W05511
2. Mas Nida Md Khambari, Rahimah Jamaluddin, **Wong Su Luan**, Ahmad Fauzi Mohd Ayub & Rosnaini Mahmud. XploreRAFE+ Game Manual for Instructors © UPM (12 April 2018)
3. Mas Nida Md Khambari, Rahimah Jamaluddin, **Wong Su Luan**, Ahmad Fauzi Mohd Ayub & Rosnaini Mahmud. XploreRAFE+ Game Manual for Students © UPM (12 April 2018)
4. Muta Harah Zakaria @ Ya, Wong Su Luan, Mus'ab Abdul Razak, Wan Marzuki Wan Jaafar, Khamurudin Mohd Noor, Ahmad Fauzi Mohd Ayub, Tajularipin Sulaiman, Sidek Hj Ab Aziz, Sidek Mohd Noah, Zainal Abidin Talib & Nor Azirawani Man. "*Survei Akhiran Pelajar UPM*" © UPM (19 January 2018)
5. Muta Harah Zakaria @ Ya, Wong Su Luan, Mus'ab Abdul Razak, Wan Marzuki Wan Jaafar, Khamurudin Mohd Noor, Ahmad Fauzi Mohd Ayub, Tajularipin Sulaiman, Sidek Hj Ab Aziz, Sidek Mohd Noah, Zainal Abidin Talib & Nor Azirawani Man. "*UPM Student Exit Survey*" © UPM (19 January 2018)

RESEARCH (5 most recent)

	Status	Research	Type
1.	Lead researcher 2023-2026	Characterising and Measuring Computational Thinking Skills for Problem Solving among Teacher Trainees in the 21 st Century Learning Environments Wong Su Luan, Mas Nida Md Khambari, Nur Aira Abd Rahim, Fariza Khalid & Priscilla Moses	FRGS RM108 565
2.	Co-researcher 2022-2024	Development and Validation of a Digital Learning Agility Framework for Teachers (Dlaft) Based on School Teachers' Performance Mas Nida Md Khambari, Wong Su Luan, Priscilla Moses, Noor Syamilah Binti Zakaria & Siti Raba'ah Hamzah	FRGS RM128050
3.	Lead researcher 2023-2025	A Mixed Methods Approach to Investigating Student Teachers' Learning Interest and Academic Performance in a Hyflex Learning Environment Wong Su Luan, Tang Sai Hong, Mohd Zariat Abdul Rani & Mas Nida Md Khambari	Geran Putra (IPS) RM10 000
4.	Co-researcher (2021-2023)	Education 4.0 Google Classroom: Analytical Investigation and Development of Malaysian Teachers' Online Teaching Model Priscilla Moses, Cheah Phaik Kin, Wong Su Luan & Mas Nida Md Khambari	FRGS RM76 400
5.	Lead researcher (2021-2024)	Rubric App Embedded with AR for Assessment: Rubric Easy (Rubi-e) Development,. Wong Su Luan, Mas Nida Md. Khambari, Rahmita Wirza O.K. Rahmat.	Research Incentive Grant for Teaching and Learning (GIPP) RM20 000