![SUSS - Singapore University of Social Sciences logo]

Curriculum Vitae

Associate Professor Lee Wee Leong

Vice-President

Learning Services

Tel   : +65 6248 9260

Education Qualifications

2002	PhD, Imperial College London, UK
1997	MEng, Nanyang Technological University
1993	BEng (Hon Class I), University of Leeds (UK)

Academic and Professional Experience

2017 - 2021	Associate Professor, Director, Educational Technology & Production, Director, Online Learning, SUSS
2014 - 2017	Associate Professor, Director, Master of IT in Business (Analytics), SMU
2006 - 2014	Assistant Professor (Practice/Education), SMU
2003 - 2006	Assistant VP, Product Development (R&D), Y3 Technologies, YCH Group
2002 - 2003	Research Fellow, Singapore Institute of Manufacturing Technology, A*Star
2000 - 2002	Graduate Student, University of Cambridge
1998 - 2000	PhD Candidate, Imperial College
1997 - 1998	Associate Research Fellow, Gintic Institute of Manufacturing Technology
1995 - 1997	Product Engineer, Reed Tool Singapore Pte Ltd
1993 - 1995	Teaching Assistant, NTU

Awards, Recognition and Honors

2020	2020: eLFA Community Outreach Award (eLearning Forum Asia)
2017	Awarded the Post Graduate Teaching Excellence Award, SMU
2016	ICETI 2016 Session's Best Paper Award
2015	Shortlisted for the Wharton-QS Stars Reimagine Education Awards 2015 - Spreadsheet-based Project Management Simulation Game

2015	Shortlisted for the Wharton-QS Stars Reimagine Education Awards 2015 - SCRUM-X: An Interactive and Experiential Learning Platform for Teaching Scrum
2015	Nominated for the Best Associate Professor of Practice, SMU
2014	Nominated for the Excellence Teacher Award, SMU
2012	Nominated for the Excellence Teacher Award, SMU
2008	Nominated for Most Promising Teacher's Award, SMU
1998	Awarded the Gintic Overseas Research Scholarship, Gintic Institute of Manufacturing Technology
1993	Foundation Prize in Mechanical Engineering, awarded to the final year student who is judged to have shown the greatest merit during his or her course of study at the University, University of Leeds
1992	ICI Prize in Mechanical Engineering, awarded for achieving the best overall performance in the 2nd year of a degree University of Leeds

Consultation and Executive Experience

2021	Future Leaders in Tech Selection Panel (Singapore Computer Society)
2021	Reimagine Education Awards 2021: Judging Panel
2020 - Present	SUSS Strategic Thrusts Champion for ST4: Exploit Technology for Enriched Learning & Organisational effectiveness
2020	Chair of Reimagine SUSS Post-Covid-19 taskforce
2020	Chair of SUSS 15th Anniversary Celebration Committee
2020	Chair of the InnovPLUS Panel (iN.LAB of Institute of Adult Learning
2019	Chair of the InnovPLUS Panel (iN.LAB of Institute of Adult Learning
2011 - 2019	Board Member, Board of Governance, IT Subcom Chair, Methodist Welfare Services (large social service agency)
2010 - 2019	IT Youth Award Selection Panel (Singapore Computer Society)
2015 - 2016	External Examiner for Diploma in Financial Informatics (Ngee Ann Polytechnic)
2013 - 2017	NTU Engineering Innovation and Design (EID) Judge, judging innovation and design projects from MAE of Nanyang Technological University
2010 - 2015	Director, Lee Consulting Pte Ltd
2009 - 2018	Member, Management Committee, FaithActs (cross sector social service agency)
2018 - Present	Chairman, Management Committee, FaithActs (cross sector social service agency)

Research Interests

- Learning Analytics and AI Applications
- eLearning and Online Learning Pedagogy
- Serious Business Games and Simulation

Educational Research Grants

2017	AcRF Tier 1 grant (16-C220-SMU-008), SGD150K (Principal Investigator), Title: Adaptive and Intelligent Question-and-Answer Platform to Support Collaborative Learning.
2014	SMU internal grant, project collaboration with CMU, USD120K (Principal Investigator), Title: Intelligent tutoring for business modeling spreadsheets.

Selected Publications

Yeung, S. K., and Lee, W. L. (2019). Full Online Learning and Blended e-Learning: A Comparison of Students' Performance, *IEEE International Conference on Engineering, Technology and Education (TALE)*.

Yeung, S. K., and Lee, W. L. (2019). Online Versus Face-to-Face: A Quantitative Study of Factors Influencing Students' Choice of Study Mode using Chi-Square Test and Binary Logistic Regression. *36th International Conference on Innovation, Practice and Research in the Use of Education Technologies in Tertiary Education (ASCILITE2019), pp. 338-346.*

Lee, W.L., Tan, K.W., Lim, Z.Y., (2017). A Data-Driven Approach for Benchmarking Energy Efficiency of Warehouses Buildings, *Proceeding of the 3rd edition of the International Conference PROLOG, France*.

Lee, W.L., (2016). Scrum-X: An Interactive and Experiential Learning Platform for Teaching Scrum, *7th International Conference on Education, Training and Informatics (ICETI 2016), USA.* (Best paper award).

Tan, H.C., and Lee, W.L., (2015). Evaluation and Improvement of Procurement Process with Data Analytics, *International Journal of Advanced Computer Science and Applications, 6, 8, pp. 70-80*.

Lee, W.L., (2013), Real-Life Vehicle Routing with Non-Standard Constraints, *Proceedings of the World Congress on Engineering & Computer Science, 432 - 437, London.*

Lee, W.L., (2011). Spreadsheet Based Experiential Learning Environment for Project Management, *Proceedings of the 2011 Winter Simulation Conference: (WSC), USA.*

Allwood, J.M., Lee, W.L., (2004). The impact of job rotation on problem solving skills, *International Journal of Production Research, 42(5), 865-881*.

Lee, W.L., Allwood, J.M., (2003). Lean Manufacturing in temperature dependent processes with interruptions, *International Journal of Operations & Production Management, 23(110, 1377-1400*.

Allwood, J.M., Lee, W.L., (2001). Lean manufacturing with temperature dependent processes, *Conference proceedings: IPMM, Vancouver, Canada*.

Updated on 3 January 2022