

Curriculum Vitae



Associate Professor Luke Peh Lu Chang

Vice Dean

School of Science and Technology

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Education Qualifications

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| 2011 | PhD (Building), National University of Singapore |
| 2005 | B.Sc. (Building) (Hons), National University of Singapore |

Academic and Professional Experience

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| 2019 - Present | Chair, Internal Audit Committee |
| 2015 - Present | Vice Dean, School of Science and Technology |
| 2010 - 2019 | Head of Programme (Facilities & Events Management) |
| 2012 - 2013 | Head of Programme (Building & Project Management) |
| 2007 - 2010 | Research Assistant and PhD Candidate, NUS |
| 2006 - 2007 | Operations Manager, Union Concept Manufacturers |
| 2005 - 2006 | Project and Sales Engineer, Dorma Far East |

Memberships and Professional Activities

- Member, International Facility Management Association
- Member, Fire Safety Managers' Association

Consultancy and Executive Experience

- Member of the Built Environment SkillsFuture Tripartite Taskforce (BEST) and Workgroup (FM)
- Consultancy team member for evaluating the effectiveness of e-learning in Home Team Academy (HTA)
- Academic Audit Committee for SIM-Warwick's Masters of Science/ Graduate Diploma in Engineering Business Management and Logistics & Supply Chain Management programmes
- Audit Panel for Home Team School of Criminal Investigation (HTSCI)'s courses

- Board of Examiner for BCA Academy's Specialist Diploma in Facilities and Energy Management programme
- Reviewer for Singapore Polytechnic's Hotel and Leisure Facilities Management Diploma programme

Research Interests

- Construction Economics and Management
- Project and Facilities Management
- Built Environment Security
- Integrated Digital Delivery
- High-Performance Green, Universal Design and Smart Buildings
- Case Studies

Selected Publications

- Liu, Z.W. Chen, K.Y. Peh, L. and Tan, K.W. (2017). *A feasibility study of Building Information Modeling for Green Mark New Non-Residential Building (NRB): 2015 analysis*. Energy Procedia, Vol.143, pp. 80-87. Conference paper presented at the World Engineers Summit – Applied Energy Symposium & Forum: Low Carbon Cities & Urban Energy Joint Conference, 19-21 July 2017, Singapore.
- Goh, J. and Peh, L. (2017). *The Challenge of Building & Sustaining a Green School in Singapore – UNCSEA's Corporate Sustainability Journey. Case and Teaching Notes*. Case Centre.
- Peh, L.C. Low, S.P. and Adi, I. (2015). *Regionalization Strategies of Singapore's Architectural, Engineering and Quantity Surveying Consultancy Firms: An Overview*. International Surveying Research Journal (ISRJ), pp. 27-42.
- Peh, L.C. and Low, S.P. (2013). *Organization Design for International Construction Business*. Springer.
- Peh, L.C. and Low, S.P. (2012). *Case-based Reasoning Decision Support System for Architectural and Engineering Firms*. Creative Construction Conference, 30th June – 3rd July 2012, Budapest, Hungary.
- Low, S. P. and Peh, L.C. (2011) *Using Case-based Reasoning Decision Support System (CBRDSS) for Organization Design by International Construction Firms*, Chapter in Book, Rashid, K. A. et al. (Eds.) International Readings in Construction Business and Marketing, IIUM Press, pp. 307-360.
- Low, S.P. and Peh, L.C. (2010). *The Importance of Physical Presence in Overseas Markets: Sharing of Experiences from Singapore's Domiciled Construction-related Companies in Regional Markets*. Journal for The Singapore Engineer, February 2010, pp. 28 – 31.

Updated on 25 April 2019