



LI Xiao

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The Hong Kong Polytechnic University, 2016 – present

- PhD student in construction information technology

Curtin University, Perth, Australia, 2015-2016

- Research Associate in The Australasian Joint Research Center for BIM

Chongqing University, Chongqing, China 2013-2016

- Master of Engineering in Management Science and Engineering

Chongqing University-Universiteit Antwerpen, Antwerpen, Belgium, 2013-2014

- Master Minor Course in Logistics Engineering

Chongqing University, Chongqing, China 2009-2013

- Bachelor of Engineering in Construction Management (Real Estate)

Supervisor

Prof. Geoffery QiPing Shen

Area of Research

- Automation & Robotics in Prefabricated Construction
- Building Information Modelling
- Augmented Reality

Research Scope

Adopting the information technologies to improve the productivity of prefabricated construction

Research Methodology

- Review (Scientometrics/Framework/Content Analysis)
- Simulation
- Experiment
- Machine Learning (e.g. SVM or Deep Learning Networks)

Prizes and Awards

- Excellent Student Cadre of Chongqing City
- SYLFF Scholarship
- National Scholarship for Graduate Student
- National Scholarship
- China Construction Scholarship
- Tang Lixin Scholarship

- The 1st Prize in“ The KeHui Cup” Entrepreneurship Competition
- The 3rd Prize in“ National Innovation and Entrepreneurship” Competition
- National Certified Constructor

Publication List

1. Xiao Li, Peng Wu, Geoffrey Qiping Shen, Xiangyu Wang, Yue Teng. Mapping the knowledge domain of Building Information Modelling (BIM): A scientometrics Approach, *Journal of Management in Engineering, Under Review*
2. Xiao Li, Lei Hou, Xiangyu Wang, Zhumin Hu. Foundation Deformation Monitoring and Forecasting using Multi-point Measuring based on Least Squares Support Vector Machine, *Journal of Computing in Civil Engineering, Under Review*
3. Xiao Li, Wen Yi, Xiangyu Wang, Albert PC Chan, Chansik Park, Critical Review of VR/AR Application in Construction Safety, *Automation in Construction, Under Review*
4. Yue Teng, Xiao Li, Peng Wu, Xiangyu Wang, Using Cooperative Game Theory to determine profit distribution in IPD projects, *International Journal of Construction Management, Under Review*
5. Chengke Wu, Rui Jiang, Xiao Li , Integration of BIM and Computer Simulations in Modular Construction, A Case Study, *Modular and Off-site construction summit (MOC),2016*
6. Li, X., Xu, B., Teng, Y., Ren, Y. T., & Hu, Z. M. (2014, August). Comparative research of AR and VR technology based on user experience. In *2014 International Conference on Management Science & Engineering 21th Annual Conference Proceedings (pp. 1820-1827)*. IEEE.
7. Ningshuang Zeng, Y. L., Li, X., & Xu, B. (2014). On-site construction management framework based on a real-time building information modeling system. *eWork and eBusiness in Architecture, Engineering and Construction: ECPPM 2014*, 95.
8. Wu, C., Li, X., Li, S., & Xu, B. (2017). An Evaluation of Project Management System of Public Construction Sector in Shenzhen, China. In *Proceedings of the 20th International Symposium on Advancement of Construction Management and Real Estate* (pp. 563-573). Springer Singapore.
9. Li, X., Gu, X., Teng, Y., & Li, P. (2015). Sustainable Supply Model Design of Public Rental Housing—Case Study of Chongqing. In *Proceedings of the 19th International Symposium on Advancement of Construction Management and Real Estate* (pp. 557-567). Springer Berlin Heidelberg.
10. Wang, L., Li, X., Zhang, Z., Li, S., & Xu, B. (2017). Spatial Form Analysis of Existing Industrial Buildings Renovation Based on Space Syntax. In *Proceedings of the 20th International Symposium on Advancement of Construction Management and Real Estate* (pp. 265-275). Springer Singapore.

Hobbies

Handwriting; Swimming; Table Tennis; Basketball; Badminton; Hiking

Updated in October 2016