DEYU ‘Woody’ Wang

B643-1, Lee Shau Kee Sci and Tech Bld.,

Tsinghua University, Beijing, China

+8610 6279 7448 | wdy@tsinghua.edu.cn

# Objective

To find new ways in which university students build their ideas and explore technologies.

# Experience

Director | Innovation Lab, Fundamental Industry Training Center (iCenter), Tsinghua University

* Running Tsinghua Makerspace in terms of course development, facility and service management.
* Enabling Tsinghua students by providing them with advanced workshops for making and building.
* Research on next generation manufacturing system with data-driven, IoT-enabled infrastructures.
* Research on methodologies and technologies to enhance performance in both teaching and learning.
* Research on systematic maker-oriented engineering education and creative product development.

# Education

Bachelor of Engineering, Industrial Engineering, Tsinghua University.

Master of Engineering, Industrial Engineering, Tsinghua University.

# Awards and Acknowledgements

* Project director of Research Science Initiative at Tsinghua 2016, by CEE
* Significant Contribution Award 2014, iCenter, Tsinghua University
* Significant Contribution Award 2015, iCenter, Tsinghua University
* Award of Excellence 2015, iCenter, Tsinghua University
* Certificated completion of IIDEA Workshop Session, 2015, China Academy of Engineering/Tsinghua Center for Engineering Education
* Member of Committee for National Standard of Makerspaces
* Member of INCOSE

# Publications

* Distributed learning workflow: an operating system integrated information technology and the real campus. Ben Koo, Wang Deyu, et al. Research in Higher Education of Engineering, 2013, 2, pp 72-89.
* Factors That Lead to an Early Decline of Road Traffic Fatalities in China, De-Yu Wang and Wei Zhang, Advances in Usability Evaluation Part I, CRC Press 2012, pp. 356–365
* Design of Steering Torque Feedback in a Fixed-base Driving Simulator and Its Validation, De-Yu Wang Liang, Advances in Usability Evaluation Part I, CRC Press 2012, pp. 13–22
* Investigation of a Driver-to-Driver Communication Method Through Rear Window Display for Chinese, Na Liu, Ruifeng Yu, Deyu Wang, Yunhong Zhang, HCI International 2015, Springer.
* A Review of Maker Organization and Hackerspaces in China, WANG De-yu, YANG Jian-Xin, LI Shuang-Shou, Modern Educational Technology, Vol. 25, No. 5 pp. 33-39
* Practices in Building Public Innovation Spaces in Universities, Taking Tsinghua i.Center as an Example, LI Shuang-shou, YANG Jian-xin, WANG De-yu, FU Zhi-yong, Ben Koo, Modern Educational Technology, Vol. 25, No. 5 pp. 5-11
* Li Shuangshou, Wang Deyu and Yang Jianxin. The Development of Engineering Training Center Driven by Makers. The 11th International Conference on Modern Industrial Training.
* Wang Deyu, Zuo Jing, Gao Ju, Zhang Xiuhai. PM-ET Method: A product-based engineering training program in universities. The 11th International Conference on Modern Industrial Training.
* Zhang Yu-Yi, Wang De-Yu, Yang Jian-Xin, Zuo Jin. A product-based engineering training program with multiple machining processes. The 11th International Conference on Modern Industrial Training.