

CURRICULUM VITAE of Yike GUO

Name: Yike Guo, FREng, MAE, FBCS

Academic Qualifications

- 8 ow of the Royal Academy of Engineering (FREng)
- 8 mber of Academia Europaea (MAE)
- 6 ow of British Computer Society (FBCS)
- 7-1994 D. in Computer Science, Best Thesis Award, Department of Computing, Imperial College London, UK
- 0 -1985 c in Computer Science, First Class, Department of Computer Science and Technology, Tsinghua University, Beijing, China

Previous Academic Positions Held

- 5 - 2020 in, School of Computer Science, Shanghai University

Present Academic Position

- 0 - e-President (Research and Development), Hong Kong Baptist University
- 0 - orary Dean, School of Computer Science, Shanghai University
- 6 - iliate Professor, Business School, Imperial College London (leave since 2020.01)
- 4 - nding Director, Data Science Institute, Imperial College London (co-director and on leave since 2020.01)
- 02 - fessor Department of Computing, Imperial College London (leave since 2020.01)

Five most representative publications in recent five years

1. Fernando, S., Scott-Brown, J., Şerban, O., Birch, D., Akroyd, D., Molina-Solana, M., Heinis, T. & **Guo, Y.*** (2020). **Open Visualization Environment (OVE): A web framework for scalable rendering of data visualizations.** *Future Generation Computer Systems*, 112, 785-799.
2. Wang, Y., Li, Q., Liu, L., Zhou, Z., Ruan, Z., Kong, L., Li, Y., Wang, Y., Zhong, N., Chai, R., Luo, X., **Guo, Y.***, Hawrylycz, M., Luo, Q., Gu, Z., Xie, W., Zeng, H. & Peng, H. (2019). **TeraVR: Empowers Precise Reconstruction of Complete 3-D Neuronal Morphology in the Whole Brain.** *Nature Communications*, 10, 3474.
3. Wang, P., Peng, D., Li, L., Chen, L., Wu, C., Wang, X., Childs, P. & **Guo, Y.*** (2019). **Human-in-the-loop Design with Machine Learning** (Best Paper award) In *Proceeding of the 22nd International Conference on Engineering Design (ICED 19)*.
4. Dong, H., Yu, S., Wu, C., & **Guo, Y.*** (2017). **Semantic Image Synthesis via Adversarial Learning.** In *Proceeding of International Conference on Computer Vision (ICCV 2017)*.
5. Dong, H., Supratak, A., Mai, L., Liu, F., Oehmichen, A., Yu, S., & **Guo, Y.*** (2017). **TensorLayer: A Versatile Library for Efficient Deep Learning Development.** (Best Open Source of the Year Award of ACM MM) In *Proceedings of the 25th ACM conference on Multimedia*.