

BRIEF CURRICULUM VITAE

Linchuan Xu

ACADEMIC QUALIFICATIONS

Ph.D. The Hong Kong Polytechnic University, Hong Kong

B.Eng. Beijing University of Posts and Telecommunications, China

PRESENT POSITION

Research Assistant Professor Department of Computing, HK PolyU

POSITIONS HELD

Postdoctoral Researcher Department of Mathematical Informatics, Graduate School of Information Science and Technology, The University of Tokyo, Japan (08/2018-06/2020)

RESEARCH INTEREST

Data Mining, Network Analysis, Deep Learning, Biomedical Informatics

Teaching

COMP2021 Object-oriented Programming, 2022 Fall

COMP2022 Programming For Fintech Applications, 2021 Spring

Fellow Students

Zipei Yan, MPhil (2021 - Present)

AWARDS

2018 PAKDD Student Travel Award

2017 DSAA Best Research Paper Award

2017 DSAA Student Travel Award

2017 WSDM Student Travel Award

PREVIOUS RELEVANT RESEARCH WORK IN THE PAST FIVE YEARS

(11 journal papers and 17 conference papers including one best student research paper are all published in recent five years)

1. Yamanishi, K., Xu, L., Yuki, R., Fukushima, S., & Lin, C. (2021). Change Sign Detection with Differential MDL Change Statistics and Its Applications to COVID-19 Pandemic Analysis. *Scientific Reports*. 11, Article number: 19795, 2021.
2. Xu, L., Wang, J., He, L., Cao, J., Wei, X., Yu, P., & Yamanishi, K. (2019). MixSp: A Framework for Embedding Heterogeneous Information Networks with Arbitrary Number of Node and Edge Types. *IEEE Transactions on Knowledge and Data Engineering*. 33(6), 2021.

3. Xu, L., Cao, J., Wei, X., & Yu, P. (2019). Network Embedding via Coupled Kernelized Multi-dimensional Array Factorization. *IEEE Transactions on Knowledge and Data Engineering*. 32(12), 2021
4. Xu, L., Wei, X., Cao, J., & Yu, P. S. (2018, April). On exploring semantic meanings of links for embedding social networks. In *Proceedings of the 2018 World Wide Web Conference* (pp. 479-488).
5. Wei, X., Xu, L., Cao, B., & Yu, P. S. (2017, April). Cross view link prediction by learning noise-resilient representation consensus. In *Proceedings of the 26th International Conference on World Wide Web* (pp. 1611-1619).