Xiaopeng Li

Ph.D. Student
The Hong Kong University of Science and Technology
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Research Interests

Machine Learning, Bayesian Networks and Graphical Models, Deep Learning

Education

PhD Candidate, Electronic and Computer Engineering, HKUST	2014–
B.A. Electronics and Information, Sun Yat-sen University	2008–2012

Publications

CONFERENCE ARTICLES

1. **X. Li** and J. She. Collaborative Variational Autoencoder for Recommender Systems. In *Proceedings of ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, Aug. 2017.

2. **X. Li**, M. Cheung and J. She. Connection Discovery using Shared Images by Gaussian Relational Topic Model. In *Proceedings of IEEE International Conference on Big Data*, Dec. 2016.

3. J. Wen, **X. Li**, J. She, S. Park and M. Cheung. Visual Background Recommendation for Dance Performances Using Dancer-Shared Images. In *Proceedings of IEEE International Conference on Cyber Physical and Social Computing*, Dec. 2016.

JOURNAL ARTICLES

4. **X. Li**, M. Cheung and J. She. A Distributed Streaming Framework for Connection Discovery Using Shared Videos. *ACM Transactions on Multimedia Computing, Communications, and Applications*, To appear.

5. M. Cheung, **X. Li** and J. She. An Efficient Computation Framework for Connection Discovery using Shared Images. *ACM Transactions on Multimedia Computing, Communications, and Applications*, To appear.

Teaching

1. Teaching Assistant | The Hong Kong University of Science and Technology   2015-2017
   ELEC 2400: Electronic Circuits
   ELEC 1200: A System View of Communications: from Signals to Packets

ELEC 1020: Media Production
ELEC 6910q: Analytics and Systems for Social Media and Big Data Applications

Professional Service

JOURNAL REVIEWING

IEEE Transactions on Big Data 2017

IEEE Transactions on Multimedia 2017

ACM Transactions on Multimedia Computing, Communications, and Applications 2017

CONFERENCE REVIEWING

Annual Conference on Neural Information Processing Systems 2017

PROFESSIONAL MEMBERSHIPS

IEEE Student Member 2016-2017