

RESEARCH INTERESTS	Information Retrieval, Multimedia, and Explainable AI, covering Recommender Systems, Graph Learning, and Social Media Analysis.
EDUCATIONS	Ph.D., National University of Singapore Aug 2014 - Feb 2019 School of Computing, Advisor: KITHCT Chair Prof. Tat-Seng Chua B.E., Beihang University Sep 2010 - June 2014 School of Computer Science and Engineering (Graduated with Highest Honors)
FIRST-AUTHOR PUBLICATIONS	Xiang Wang , Dingxian Wang, Canran Xu, Xiangnan He, Yixin Cao, Tat-Seng Chua (2019). <i>Explainable Reasoning over Knowledge Graph Paths for Recommendation</i> . In AAAI Conference on Artificial Intelligence (AAAI'19). Xiang Wang , Xiangnan He, Fuli Feng, Liqiang Nie, Tat-Seng Chua (2018). <i>TEM: Tree-enhanced Embedding Model for Explainable Recommendation</i> . In International World Wide Web Conference (WWW'18). Xiang Wang , Xiangnan He, Liqiang Nie, Tat-Seng Chua (2017). <i>Item Silk Road: Recommending Items from Information Domains to Social Users</i> . In ACM SIGIR Conference on Information Retrieval (SIGIR'17). Xiang Wang , Liqiang Nie, Xuemeng Song, Dongxiang Zhang, Tat-Seng Chua (2017). <i>Unifying Virtual and Physical Worlds: Learning towards Local and Global Consistency</i> . In ACM Transactions on Information Systems (TOIS).
CO-AUTHOR PUBLICATIONS	Yixin Cao, Xiang Wang , Xiangnan He, Zikun Hu, Tat-Seng Chua (2019). <i>Unifying Knowledge Graph Learning and Recommendation: Towards a Better Understanding of User Preference</i> . In International World Wide Web Conference (WWW'19). Fuli Feng, Xiangnan He, Xiang Wang , Cheng Luo, Yiqun Liu, Tat-Seng Chua (2019). <i>Temporal Relational Ranking for Stock Prediction</i> . In ACM Transactions on Information Systems (TOIS). Meng Liu, Xiang Wang , Liqiang Nie, Qi Tian, Baoquan Chen, Tat-Seng Chua (2018). <i>Cross-modal Moment Localization in Videos</i> . In ACM on Multimedia Conference (MM'18). Meng Liu, Xiang Wang , Liqiang Nie, Xiangnan He, Baoquan Chen, Tat-Seng Chua (2018). <i>Attentive Moment Retrieval in Videos</i> . In ACM SIGIR Conference on Information Retrieval (SIGIR'18). Xuemeng Song, Xiang Wang , Liqiang Nie, Xiangnan He, Zhumin Chen, Wei Liu (2018). <i>A Personal Privacy Preserving Framework</i> . In ACM SIGIR Conference on Information Retrieval (SIGIR'18). Xiangnan He, Xiaoyu Du, Xiang Wang , Feng Tian, Jinhui Tang, Tat-Seng Chua (2018). <i>Outer Product-based Neural Collaborative Filtering</i> . In International Joint Conference on Artificial Intelligence (IJCAI'18). Liqiang Nie, Xiang Wang , Jianglong Zhang, Xiangnan He, Hanwang Zhang, Richang Hong, Qi Tian (2017). <i>Enhancing Micro-video Understanding by Harnessing External Sounds</i> . In ACM on Multimedia Conference (MM'17). Fuli Feng, Liqiang Nie, Xiang Wang , Richang Hong, Tat-Seng Chua (2017). <i>Computational Social Indicators: A Case Study of Chinese University Ranking</i> . In ACM SIGIR Conference on Information Retrieval (SIGIR'17). Liqiang Nie, Xiaochi Wei, Dongxiang Zhang, Xiang Wang , Zhipeng Gao, Yi Yang (2017). <i>Data-Driven Answer Selection in Community QA Systems</i> . In IEEE Transactions on Knowledge and Data Engineering (TKDE).

Jianglong Zhang, Liqiang Nie, **Xiang Wang**, Xiangnan He, Xianglin Huang, Tat-Seng Chua (2016). *Shorter-is-Better: Venue Category Estimation from Micro-Video*. In ACM on Multimedia Conference (MM'16).

Jingyuan Chen, Xuemeng Song, Liqiang Nie, **Xiang Wang**, Hanwang Zhang, Tat-Seng Chua (2016). *Micro Tells Macro: Predicting the Popularity of Micro-Videos via a Transductive Model*. In ACM on Multimedia Conference (MM'16).

ACADEMIC
ACTIVITIES

Conference External Reviewer: SIGIR'17, CIKM'17, MM'17, ICMR'17, SIGIR'18, .
Conference Program Committee: SIGIR'19, CIKM'17 workshop, EARS'18, MMM'19.
Journal External Reviewer: Information Sciences'17, TKDE'17, TOIS'16, TOIS'17, TOIS'18, TKDE'18.
Journal Invited Reviewer: TOIS'18, TISIT'18, TKDE'19.

AWARDS

Dean's Graduate Research Excellence Award School of Computing, National University of Singapore	June 2018
Research Achievement Award School of Computing, National University of Singapore	June 2017
Student Travel Grant ACM SIGIR Conference on Information Retrieval	May 2017
Full Research Scholarship National University of Singapore	2014 - 2018
Excellent Graduates Beihang University	July 2014
National Scholarship (top scholarship for Chinese undergraduates) Beihang University	December 2013

PATENT

Tree-enhanced Embedding Model (TEM)
Authors: Xiang Wang, Xiangnan He, Fuli Feng, Tat-Seng Chua
Date of filed: 19 April 2018. Number:10201803291Q