Xovee Xu

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Education

Ph.D. Student, Computer Science, University of Electronic Science and Technology of China, 2021-

M.S., Software Engineering, University of Electronic Science and Technology of China, 2021

B.S., Software Engineering, University of Electronic Science and Technology of China, 2018

Distinction

INFOCOM 2020 Student Conference Award (2020), IEEE ComSoc

Outstanding Graduate Student (2020), First Prize Scholarship (2020), University of Electronic Science and Technology of China

Academic Service

Reviewing for Conferences & Journals

IoT-J (2), IEEE Internet of Things Journal, 2021

AAAI (1), AAAI Conference on Artificial Intelligence, 2021

BigData (1), IEEE International Conference on Big Data, 2020

KDD (1), ACM SIGKDD Conference on Knowledge Discovery and Data Mining, 2019

TKDE (1), IEEE Transactions on Knowledge and Data Engineering, 2021

TNNLS (1), IEEE Transactions on Neural Networks and Learning Systems, 2020

TON (1), IEEE/ACM Transactions on Networking, 2021

Professional Membership

ACM, Member (2020)

IEEE, Graduate Student Member (2020)

Publication

Mark: * Corresponding, † Equal Contribution

Refereed Conference Articles

1. Fan Zhou, Liu Yu, <u>Xovee Xu</u>*, and Goce Trajcevski. 2021. Decoupling representation and regressor for long-tailed information cascade prediction. International ACM SIGIR Conference on Reseaerch and Development in Information Retrieval (SIGIR), Online, Jul 11-15, 2021, 5 pages, Accepted

2. Fan Zhou, Xiuxiu Qi, <u>Xovee Xu</u>, Jiahao Wang*, Ting Zhong, and Goce Trajcevski. 2020. Meta-learned user preference for topic participation prediction. IEEE Global Communications Conference (GLOBECOM), Virtual Conference, Dec 7-11, 2020, 6 pages, doi:10.1109/GLOBECOM42002.2020.9322197

3. Fan Zhou, Zijing Wen, Ting Zhong*, Goce Trajcevski, <u>Xovee Xu</u>, and Leyuan Liu. 2020. Unsupervised user identity linkage via graph neural networks. IEEE Global Communications Conference (GLOBECOM), Virtual Conference, Dec 7-11, 2020, 6 pages, doi:10.1109/GLOBECOM42002.2020.9322311

4. Fan Zhou, Xin Jing, <u>Xovee Xu</u>, Ting Zhong, Goce Trajcevski, and Jin Wu*. 2020. Continual information cascade learning. IEEE Global Communications Conference (GLOBECOM), Virtual Conference, Dec 7-11, 2020, 6 pages, doi:10.1109/GLOBECOM42002.2020.9322124

5. Fan Zhou, <u>Xovee Xu</u>, Kunpeng Zhang, Goce Trajcevski, and Ting Zhong*. 2020. Variational information diffusion for probabilistic cascade prediction. IEEE International Conference on Computer Communications (INFOCOM), Virtual Conference, Jul 6-9, 2020, pp. 1618-1627, doi:10.1109/INFOCOM41043.2020.9155349
   INFOCOM 2020 Student Conference Award

Refereed Journal Articles

6. Fan Zhou, Pengyu Wang, <u>Xovee Xu</u>*, Wenxin Tai, and Goce Trajcevski. 2021. Contrastive trajectory learning for tour recommendation. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 2021, Accepted

7. Fan Zhou, <u>Xovee Xu</u>*, Goce Trajcevski, Kunpeng Zhang. 2021. A survey of information cascade analysis: Models, predictions, and recent advances. *ACM Computing Surveys (CSUR)*, vol. 54, no. 2, article 27, 36 pages, Mar 2021, doi:10.1145/3433000, arXiv:2005.11041

Thesis

8. Xovee Xu. 2021. A research of information diffusion models and popularity prediction using graph neural networks. Master's Thesis. School of Information and Software Engineeing, University of Electronic Science and Technology of China, Chengdu, China. Supervisors: Ting Zhong and Fan Zhou.

Pre-prints & On-going Articles

9. <u>Xovee Xu</u>, Ting Zhong, Fan Zhou, Goce Trajcevski, and Xi Wu. 2021. Spatial-temporal contrasting for fine-grained urban flow super-resolution. Under review, 2021

10. Fan Zhou, Ce Li, <u>Xovee Xu</u>, Xucheng Luo, and Ting Zhong. 2020. HGENA: A hyperbolic graph embedding approach for social network alignment. Under review, 2021

11. <u>Xovee Xu</u>, Fan Zhou*, Kunpeng Zhang, and Siyuan Liu. 2020. CCGL: Contrastive cascade graph learning. Under review, 2020

12. Fan Zhou, <u>Xovee Xu</u>*, Kunpeng Zhang, Siyuan Liu, and Goce Trajcevski. 2020. CasFlow: Exploring hierarchical structures and propagation uncertainty for cascade prediction. Under review, 2020

13. Fan Zhou, <u>Xovee Xu</u>, Ce Li, Goce Trajcevski, Ting Zhong, and Kunpeng Zhang. 2020. A heterogeneous dynamical graph neural networks approach to quantify scientific impact. arXiv:2003.12042, Mar 2020, 8 pages.

Language

Native Chinese (Mandarin & Northern Shaanxi Dialect)
Fluent English
Basic Esperanto

Reference

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