

WENJIE FENG

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EDUCATION

Institute of Computing Technology, Chinese Academy of Sciences (2014 - 2020) •

Ph.D. in Computer Science •

Beijing JiaoTong University (2010 - 2014) •

B.S. in Computer Science and Technology •

RESEARCH INTERESTS

- Graph Mining, Scalable Machine Learning, Anomaly Detection, Social Network Analysis

CONFERENCE PUBLICATIONS

- Xiaobing Sun*, Wenjie Feng*, Shenghua Liu, Yuyang Xie, Bryan Hooi, Wenhan Wang, and Xueqi Cheng. MonLAD: Money Laundering Agents Detection in Transaction Streams. International conference on Web Search and Data Mining (WSDM) 2022.
- Yuntao Du, Jindong Wang#, Wenjie Feng#, Sinno Pan, Tao Qin, Renjun Xu, Chongjun Wang. AdaRNN: Adaptive Learning and Forecasting of Time Series. ACM International Conference on Information and Knowledge Management (CIKM) 2021
- Wenjie Feng, Shenghua Liu, Danai Koutra, Huawei Shen, and Xueqi Cheng. SpecGreedy: Unified Dense Subgraph Detection. European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD) 2020. **(Best Student Paper Award)**
- Wenjie Feng, Shenghua Liu, Xueqi Cheng. CachCore: Catching Hierarchical Dense Subtensor. European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML-PKDD) 2019.
- Wenjie Feng, Shenghua Liu, Christos Faloutsos, Bryan Hooi, Huawei Shen, and Xueqi Cheng. Beyond outliers and on to micro-clusters: Vision-guided anomaly detection. Pacific-Asia Conference in Knowledge Discovery and Data Mining (PAKDD). 2019.
- Jiabao Zhang, Shenghua Liu, Wenjian Yu, Wenjie Feng, Xueqi Cheng. EigenPulse: Detecting Surges in Large Streaming Graphs with Row Augmentation Pacific-Asia Conference in Knowledge Discovery and Data Mining (PAKDD) 2019.
- Jindong Wang*, Wenjie Feng*, Yiqiang, Chen, Han Yu, Philip S Yu. Visual Domain Adaptation with Manifold Embedded Distribution Alignment. ACM International Conference on Multimedia. ACM Multimedia (ACM MM) 2018.
- Wenjie Feng, Shenghua Liu, Christos Faloutsos, Bryan Hooi, Huawei Shen, and Xueqi Cheng. EagleMine: Vision-Guided Mining in Large Graphs. KDD Outlier Detection Deconstructed (ODD) Workshop (KDD ODDv5.0) 2018.
- Jindong Wang, Yiqiang Chen, Shuji Hao, Wenjie Feng, Zhiqi Shen. Balanced Distribution Adaptation for Transfer Learning. IEEE International Conference on Data Mining (ICDM) 2017.

JOURNAL PUBLICATIONS

- Wenjie Feng, Shenghua Liu, Christos Faloutsos, Bryan Hooi, Huawei Shen, and Xueqi Cheng. EagleMine: Vision-guided Micro-clusters recognition and collective anomaly detection. Future Generation Computer Systems (FGCS) 2020.
- Jindong Wang, Yiqiang Chen, Wenjie Feng, Han Yu, Meiyu Huang, Qiang Yang. Transfer Learning with Dynamic Distribution Adaptation. ACM Transactions on Intelligent Systems and Technology (TIST) 2019.

HONORS AND AWARDS

1. ECML-PKDD 2020 Best Student Paper Award (Data Mining)
2. PAKDD 2019 The Student Travel Award
3. Special director Excellent Award, Institute of Computing Technology
4. Excellent Thesis of Undergraduate Student Award, BJTU
5. National Encouragement scholarship, China
6. Honorable Mention Mathematical Contest In Modeling, COMAP

SERVICES

- Conference Program Committee Member: ECML-PKDD, WWW
- Reviewer: AAAI, ECML-PKDD, ICDM, NIPS, ICDM
- Journal reviewer: TKDD, Big Data, IEEE Access.
- Editor: Frontiers Research Topic: Advances in Transfer Learning

TALKS

- *SpecGreedy: Unified Dense Subgraph Detection*. ECML-PKDD 2020.
- *Pattern Mining in Large Graphs*. MSRA, 2019.
- *Pattern Mining in Large Graphs*. Noah's Ark Lab, Huawei, 2019.
- *Pattern Mining in Large Graphs*. Sangfor Technologies, China 2019.
- *CachCore: Catching Hierarchical Dense Subtensor* ECML-PKDD 2019.
- *Beyond outliers and on to micro-clusters: Vision-guided anomaly detection*. PAKDD 2019.
- *EagleMine: Vision-Guided Mining in Large Graphs*. KDD OOD v5.0 Workshop, 2018

MAILING ADDRESS

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