Chen Feng

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🏛 EDUCATION

Shanghai Jiao Tong University   *Advisor*: Prof. Xinbing Wang
Ph.D. in Electronic Engineering   *Sep. 2016 – July 2021*

Tianjin University   *Advisor*: Prof. Chunping Hou
Bachelor in Communication Engineering   *Sep. 2012 – July 2016*

⚙ RESEARCH INTERESTS

· Machine Learning   · Algorithm Design and Analysis   · Network Analysis

📖 PUBLICATIONS

- **Chen Feng**, Luoyi Fu, Xinbing Wang, "Time Never Waits: Maximizing the Spread of Influence Within Given Time", *Working Paper*, 2021.
- **Chen Feng**, Jiahui Sun, Luoyi Fu, "Will the Winner Take All? Competing Influences in Social Networks Under Information Overload", Submitted to *International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing* (**MobiHoc, Top Conference in Networks**), 2021.
  PDF
- **Chen Feng**, Luoyi Fu, Bo Jiang, Haisong Zhang, Xinbing Wang et al., "Neighborhood Matters: Influence Maximization in Social Networks with Limited Access", *IEEE Transactions on Knowledge and Data Engineering* (**TKDE, JCR Q1**), Early Access, 2020.
  Main Paper Supplemental Material
- **Chen Feng**, Luoyi Fu, Xudong Wu, Xiaoying Gan, Xinbing Wang, Guihai Chen and Jun Xu, "Evolution Matters: Content Transmission in Evolving Wireless Social Networks", *IEEE Transactions on Wireless Communications* (**TWC, JCR Q1**), 19(11): 7377–7391, 2020.
  Main Paper Supplemental Material
- Xiaoying Gan, **Chen Feng**, Zhida Qin, Ge Zhang, Huaying Wu, Luoyi Fu et al., "Relay-Assisted Multicast With Markov Mobility", *IEEE Transactions on Network Science and Engineering* (**TNSE**), 7(3): 1055–1066, 2019.
  Main Paper Supplemental Material
- Haonan Zhang, **Chen Feng**, Xinbing Wang, "A greedy-based approach of fast transaction broadcasting in bitcoin networks", *Proceedings of the ACM Turing Celebration Conference - China* (**TURC**), 2019.
  PDF

  More details could be found in my homepage Link .

🔧 SKILLS

- **Programming Languages:** Python   C#   C++
- **Analytical Tools:** Probabilistic Method, Difference and Differential Equations, Approximation Algorithms, etc.
- **Courses:** Analysis and Theory of Algorithms, Applied Stochastic Process, Functional Analysis, Convex Optimization

👥 SERVICES

- **Journal Paper Reviewer:**
  TON, TMC, TOSN, TBD, TNSE, WCM
- **Conference Paper Reviewer:**
  MobiHoc, INFOCOM, SIGMETRICS, MobiCom, ICNP, SECON, ICDCS, WiOpt, IWQOS, ICC, GLOBECOM
- **Teaching Assistant:** Intelligent Internet of Things, *Undergraduate Course*, 2019;
                          Introduction to the Mobile Internet, *Undergraduate Course*, 2019.
- **Projects Participated:** National Key R&D Plan, Major International (Regional) Joint Research Project, etc.
- **Travel Grants**: Zhejiang Lab International Young Talants Forum, 2020.
                     Peng Cheng Lab Post-Doc Innovation Forum, 2019

⭐ AWARDS

National Scholarship (top 2%), 2014   Peiyang Talents (top 1%), 2015
Best Progress Award in IIOT, 2018, 2020   Remarkable Contribution Award in IIOT, 2019