

Chen Feng

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🔗 <https://planet-b612.github.io/>

👤 fengchen_0926

🎓 EDUCATION

Shanghai Jiao Tong University

Ph.D. in Electronic Engineering

Advisor: Prof. Xinbing Wang

Sep. 2016 – July 2021

Tianjin University

Bachelor in Communication Engineering

Advisor: Prof. Chunping Hou

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
Best Progress Award in IIOT, 2018, 2020

Peiyang Talents (top 1%), 2015
Remarkable Contribution Award in IIOT, 2019