

## Conference Papers

- [1] Bangwen Deng and **Wenfei Wu\***. “**NFOpt: Eliminating Redundant Logic in NF Programs using Operation-Time Configurations**”. In: *the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
- [2] Yongchao He, **Wenfei Wu\***, Xuemin Wen, Haifeng Li, and Yongqiang Yang. “**Scalable On-Switch Rate Limiters for the Cloud**”. In: *the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
- [3] Hongyi Huang, **Wenfei Wu\***, Yongchao He, Bangwen Deng, Ying Zhang, Yongqiang Xiong, Guo Chen, Yong Cui, and Peng Cheng. “**NFD: A Development Framework for Cross-Platform Network Functions**”. In: *the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
- [4] ChonLam Lao, Yanfang Le, Kshiteej Mahajan, Yixi Chen, **Wenfei Wu**, Aditya Akella, and Michael Swift. “**ATP: In-Network Aggregation for Multi-Tenant Learning**”. In: *the 18th USENIX Symposium on Networked Systems Design and Implementation*. NSDI '21. 2021.
- [5] Ming Sun, Ya Su, Shenglin Zhang, Junliang Tang, Yuanpu Cao, Yuqing Liu, **Wenfei Wu\***, Dan Pei, Yongsu Zhang, and Xiaozhou Liu. “**CTF: Anomaly Detection in High-Dimensional Time Series with Coarse-to-Fine Model Transfer**”. In: *the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
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- [8] Harsha Sharma, **Wenfei Wu\***, and Bangwen Deng. “**Symbolic Execution for Network Functions with Time-Driven Logic**”. In: *Proceedings of the 2020 Symposium on Modelling, Analysis, and Simulation of Computer and Telecommunication Systems*. MASCOTS '20. Google Scholar Citation 0. 2020.
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- [11] Junfeng Li, Dan Li, **Wenfei Wu**, K. K. Ramakrishnan, Jinkun Geng, Fei Gui, Fanzhao Wang, and Kai Zheng. “**Sphinx: A Transport Protocol for High-Speed and Lossy Mobile Networks**”. In: *Proceedings of the 38th IEEE International Performance Computing and Communications Conference*. IPCCC '19. Google Scholar Citation 0. 2019.
- [12] Soo-Jin Moon, Jeffrey Helt, Yifei Yuan, Yves Bieri, Sujata Banerjee, Vyas Sekar, **Wenfei Wu**, Mihalis Yannakakis, and Ying Zhang. “**Alembic: Automated Model Inference for Stateful Network Functions**”. In: *Proceedings of the 16th USENIX Symposium on Networked Systems Design and Implementation*. NSDI '19. Google Scholar Citation 8. 2019.
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- [16] Anubhavnidhi Abhashkumar, Joon-Myung Kang, Sujata Banerjee, Aditya Akella, Ying Zhang, and **Wenfei Wu**. “**Supporting Diverse Dynamic Intent-based Policies using Janus**”. In: *Proceedings of the 13th ACM International on Conference on emerging Networking Experiments and Technologies. CoNEXT '17*. Google Scholar Citation 18. 2017.
- [17] Anubhavnidhi Abhashkumar, Jeongkeun Lee, Jean Tourrilhes, Sujata Banerjee, **Wenfei Wu**, Joon-Myung Kang, and Aditya Akella. “**P5: Policy-driven optimization of P4 pipeline**”. In: *Proceedings of the 2017 Symposium on SDN Research. SOSR '17*. Google Scholar Citation 15. 2017.
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## Journal Papers

- [1] **Wenfei Wu** and Ying Zhang. “**Network Function Modeling and Its Applications**”. In: *IEEE Internet Computing* (2017). Google Scholar Citation 3.
- [2] Kai Chen, Chuanxiong Guo, Haitao Wu, Jing Yuan, Zhenqian Feng, Yan Chen, Songwu Lu, and **Wenfei Wu**. “**DAC: generic and automatic address configuration for data center networks**”. In: *IEEE/ACM Transactions on Networking* (2012). Google Scholar Citation 33.

## Patents

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- [2] **Wenfei Wu**, Ying Zhang, and Sujata Banerjee. “**Middlebox modeling**”. In: (2018). US Patent 10594574.
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## Posters

- [1] Hongyi Huang and Wenfei Wu. “**ART: Learning Operation Tree Patterns for Cloud Remediation**”. In: *Proceedings of the 15th European Conference on Computer Systems*. EuroSys Poster '20. 2020.
- [2] Yongchao He and **Wenfei Wu**. “**Fully Functional Rate Limiter Design on Programmable Hardware Switches**”. In: *Proceedings of the ACM SIGCOMM 2019 Conference*. SIGCOMM Poster '19. 2019.
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