

Conference Papers

- [1] Bangwen Deng, **Wenfei Wu***, and Linhai Song. “**Redundant Logic Elimination in Network Functions**”. In: *Proceedings of the 2020 Symposium on SDN Research*. SOSR '20. 2020.
- [2] Qingxiu Liu, **Wenfei Wu***, Qingsong Liu, and Qun Huang. “**T2DNS: A Third-Party DNS Service with Privacy Preservation and Trustworthiness**”. In: *Proceedings of the 29th International Conference on Computer Communications and Networks*. ICCCN '20. 2020.
- [3] Yongheng Chen, Linhai Song, Xinyu Xing, Fengyuan Xu, and **Wenfei Wu**. “**Automated Finite State Machine Extraction**”. In: *Proceedings of the 2019 Workshop on Forming an Ecosystem Around Software Transformation*. FEAST '19. 2019.
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- [10] 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 Conference on emerging Networking Experiments and Technologies*. CoNEXT '17. Google Scholar Citation 16. 2017.
- [11] 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. 2017.
- [12] Keqiang He, Weite Qin, Qiwei Zhang, **Wenfei Wu**, Junjie Yang, Tian Pan, Chengchen Hu, Jiao Zhang, Brent Stephens, Aditya Akella, and Ying Zhang. “**Low Latency Software Rate Limiters for Cloud Networks**”. In: *Proceedings of the 2017 Asia-Pacific Workshop on Networking*. APNet '17. 2017.
- [13] Ying Zhang, **Wenfei Wu**, Sujata Banerjee, Joon-Myung Kang, and Mario A Sanchez. “**SLA-Verifier: Stateful and Quantitative Verification for Service Chaining**”. In: *Proceedings of the 2017 IEEE Conference on Computer Communications*. INFOCOM '17. 2017.
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- [1] **Wenfei Wu** and Ying Zhang. “**Network Function Modeling and Its Applications**”. In: *IEEE Internet Computing* (2017).
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Patents

- [1] **Wenfei Wu**, Yongchao He, Xuemin Wen, and Haifeng Li. “**Design and Implementation of Rate Limiters on Programmable Switches**”. In: (2019). Chinese Patent Application.
- [2] Joon Myung Kang, Anubhavnidhi Abhashkumar, Sujata Banerjee, Ying Zhang, and **Wenfei Wu**. “**Generating composite network policy**”. In: (2018). US Patent Application US20180316576A1.
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- [6] Ying Zhang, **Wenfei Wu**, and Sujata Banerjee. “**Selectively monitoring a network of network function chains based on probability of service level agreement violation**”. In: (2018). US Patent 10491528.

Posters

- [1] 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.
- [2] Hongyi Huang and **Wenfei Wu**. “**NFD: Using Behavior Models to Develop Cross-Platform NFs**”. In: *Proceedings of the ACM SIGCOMM 2019 Conference*. SIGCOMM Poster ’19. 2019.
- [3] Qingxiu Liu, **Wenfei Wu**, and Qingsong Liu. “**TT-DNS: Trustworthy Third-Party DNS Service with Privacy Preserving**”. In: *Proceedings of the 3rd Asia-Pacific Workshop on Networking*. APNet Poster ’19. 2019.
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- [5] Keqiang He, Weite Qin, Qiwei Zhang, **Wenfei Wu**, Junjie Yang, Tian Pan, Chengchen Hu, Jiao Zhang, Aditya Akella, and Ying Zhang. “**Improving Latency and Burst-tolerance for Software Rate Limiters**”. In: *Presented in the 14th USENIX Symposium on Networked Systems Design and Implementation*. NSDI Poster ’17. 2017.
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- [8] **Wenfei Wu**, Guohui Wang, Aditya Akella, and Anees Shaikh. “**Virtual network diagnosis as a service**”. In: *Proceedings of 2014 Open Networking Summit*. ONS Poster ’14. 2014.
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