

## Conference Papers

- [1] Bohan Zhao, Wei Xu, Shuo Liu, Yang Tian, Qiaoling Wang, and Wenfei Wu. “**Training Job Placement in Clusters with Statistical In-Network Aggregation**”. In: *Proceedings of the 29th ACM International Conference on Architectural Support for Programming Languages and Operating Systems*. ASPLOS '24. 2024.
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- [5] Hao Wang, Yuxuan Qin, ChonLam Lao, Yanfang Le, Wenfei Wu, and Kai Chen. “**Preemptive Switch Memory Usage to Accelerate Training Jobs with Shared In-Network Aggregation**”. In: *Proceedings of The 31st IEEE International Conference on Network Protocols*. ICNP '23. 2023.
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- [9] Bohan Zhao, Wenfei Wu, and Wei Xu. “**NetRPC: Enabling In-network computation in Remote Procedure Calls**”. In: *Proceedings of the 20th USENIX Symposium on Networked Systems Design and Implementation*. NSDI '23. 2023.
- [10] Yixi Chen, **Wenfei Wu\***, Ying Zhang, and Shan-Hsiang Shen. “**NQ/ATP: Architectural Support for Massive Aggregate Queries in Data Center Networks**”. In: *Proceedings of 2022 IEEE/ACM 30th International Symposium on Quality of Service (IWQoS)*. IWQoS '22. 2022.
- [11] Yongchao He and **Wenfei Wu\***. “**Consistent and Fine-Grained Rule Update with In-Network Control for Distributed Rate Limiting**”. In: *Proceedings of 2022 IEEE/ACM 30th International Symposium on Quality of Service (IWQoS)*. IWQoS '22. 2022.
- [12] Hongyi Huang and **Wenfei Wu\***. “**HyperSFP: Fault-Tolerant Service Function Chain Provision on Programmable Switches in Data Centers**”. In: *Proceedings of the 2022 IEEE/IFIP Network Operations and Management Symposium*. NOMS '22. 2022.
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- [15] Bangwen Deng and Wenfei Wu\*. “**NFReducer: Redundant Logic Elimination for Network Functions with Runtime Configurations**”. In: *Proceedings of the 2021 IEEE International Conference on Computer Communications*. INFOCOM '21. 2021.
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## Journal Papers

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- [2] Zehua Guo, Songshi Dou, **Wenfei Wu**, and Yuanqing Xia. “**Toward Flexible and Predictable Path Programmability Recovery Under Multiple Controller Failures in Software-Defined WANs**”. In: *Transactions on Networking* (2023).
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## Patents

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## Posters

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