史笑屹

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教育背景

2024 年 9 月—至今	清华大学网络科学与网络空间研究院	博士研究生
2020 年 9 月—2024 年 6 月	清华大学自动化系	工学学士

论文发表

- **ElasticChain: Programmable Switch-Driven Hotspot Mitigation for One-Sided RDMA Key-Value Stores**
  NSDI 2027 · CCF-A · 已投稿 | **Xiaoyi Shi**, Jiasheng Zhou, Lin He, Yifan Yang, Jinlong E, Guanyu Li, Ying Liu
- **Asynchrony-Resilient Collective Communication for Distributed Deep Learning**
  NSDI 2027 · CCF-A · 已录用，待发表 | Yifan Yang, Jiamin Cao, Jiaqi Gao, Shangfeng Shi, **Xiaoyi Shi**, Jiasheng Zhou, Lin He, Ying Liu, Dennis Cai, Ennan Zhai
- **HybridCache: A General-Purpose Hybrid Key-Value Caching Architecture in Programmable Switches**
  ICNP 2026 · CCF-B · 已录用，待发表 | Jiasheng Zhou, **Xiaoyi Shi**, Yifan Yang, Ying Liu, Lin He, Rongbang Wu, Jinlong E
- **Miresga: Achieving High-Performance and Reliable Layer-7 Load Balancing with Programmable Switches**
  IEEE Transactions on Computers 2026 · CCF-A | **Xiaoyi Shi**, Ying Liu, Lin He, Yifan Yang, Jiasheng Zhou, Rongbang Wu, Jinlong E
- **SwitchTAD: Defending Deep Learning-Based Website Fingerprinting Attacks with Programmable Switches**
  Computer Networks 2026 · CCF-B | Jiasheng Zhou, Lin He, **Xiaoyi Shi**, Yifan Yang, Jinlong E, Ying Liu
- **Lightning in the Dark: Uncovering Global IPv6 Router Interfaces and Their Security Implications**
  ICNP 2025 · CCF-B | Jiasheng Zhou, Yingliu Liu, Lin He, **Xiaoyi Shi**, Yifan Yang, Chentian Wei, Daguo Cheng, Wenwen Gong, Jiahai Yang
- **SubRecon: Efficient Internet-wide IPv6 Subnet Discovery and Its Applications**
  ICNP 2025 · CCF-B | Jiasheng Zhou, Ying Liu, Lin He, Yifan Yang, **Xiaoyi Shi**, Daguo Cheng, Chentian Wei, Yun Fan, Guanglei Song
- **TGW: Operating an Efficient and Resilient Cloud Gateway at Scale**
  USENIX ATC 2025 · CCF-A | Yifan Yang, Lin He, Jiasheng Zhou, **Xiaoyi Shi**, Yichi Xu, Shicheng Wang, Jinlong E, Ying Liu, Junwei Zhang, Zhuang Yuan, Hengyang Xu
- **6Map: Enabling Fast Active IPv6 Address Discovery with Programmable Switches**
  INFOCOM 2025 · CCF-A | Jiasheng Zhou, Lin He, Yifan Yang, **Xiaoyi Shi**, Daguo Cheng, Jinlong E, Ying Liu, Dong Zhang
- **Miresga: Accelerating Layer-7 Load Balancing with Programmable Switches**
  WWW 2025 · CCF-A | **Xiaoyi Shi**, Lin He, Jiasheng Zhou, Yifan Yang, Ying Liu
- **P4runpro: Enabling Runtime Programmability for RMT Programmable Switches**
  SIGCOMM 2024 · CCF-A | Yifan Yang, Lin He, Jiasheng Zhou, **Xiaoyi Shi**, Jiamin Cao, Ying Liu
- **L7LB: High Performance Layer-7 Load Balancing on Heterogeneous Programmable Platforms**
  INFOCOM Workshops 2023 · Poster/Demo | **Xiaoyi Shi**, Yifan Li, Chengjun Jia, Xiaohe Hu, Jun Li

校园经历

- 清华大学自动化系学生科协干事 — 2021 年 7 月—2022 年 7 月
- 清华大学自动化系自 01 团支部书记 — 2021 年 9 月—2022 年 9 月

荣誉奖励

- 清华大学校设二等奖学金 — 2026 年 1 月
- 第三届 IPv6 技术应用创新大赛总决赛一等奖 — 2025 年 12 月 · 北京
- 第一届 CCF 智算网络挑战赛英伟达赛道二等奖 — 2025 年 9 月 · 辽宁沈阳
- 清华大学综合奖学金（优秀社会工作奖） — 2023 年 1 月