

SIJIA LI

University of Science and Technology of China ◊ Hefei, 230022, P.R.China

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EDUCATION

University of Science and Technology of China
Master of Information and Communication Engineering

Hefei, P.R.China
Sept, 2021 – Jul, 2024

University of Science and Technology of China
Bachelor of Electronic Information Engineering

Hefei, P.R.China
Sept, 2016 – Jul, 2020

HONORS & AWARDS

- **2023 National Scholarship**
- **2023 First-Class Academic Scholarship**
- **2021, 2022 Second-Class Academic Scholarship**
- **2018 Outstanding Volunteer**
- **2017 Outstanding Member of Student Union**
- **2017 China General Nuclear Power Group Scholarship**

PUBLICATIONS

- 1 **Sijia Li**, Baojia Li, and Zuqing Zhu, “To Cooperate or Not to Cooperate: Service Function Chaining in Multi-Domain Edge-Cloud Elastic Optical Networks,” Optical Fiber Communications Conference, San Diego, CA, USA, 2022, pp. 1-3, [\[doi\]](#).
- 2 **Sijia Li**, Baojia Li, and Zuqing Zhu, “On the Game-Theoretic Analysis of Dynamic VNF Service Chaining in Edge-Cloud EONs,” in Journal of Lightwave Technology, vol. 41, no. 10, pp. 2940-2952, May. 2023, [\[doi\]](#).
- 3 Ruoxing Li, **Sijia Li**, and Zuqing Zhu, “Service Provisioning in Wavelength-Switched Optical Networks based on P2MP Transceivers,” Asia Communications and Photonics Conference, Wuhan, China, 2023. [\[doi\]](#).
- 4 Ruoxing Li, **Sijia Li**, Meihan Wu, Yuxiao Zhang, Qian Lv, and Zuqing Zhu, “Dynamic Asymmetric SC Allocation and Reconfiguration in Drop-and-Continue Optical Networks based on P2MP-TRXs,” Optical Fiber Communications Conference, San Diego, CA, USA, 2024. [\(Accepted\)](#).

RESEARCH INTEREST

Fields Cloud Computing, Operating Systems, Memory Systems, ML Systems

Methods Machine Learning, Game Theory, Linear Programming, Graph Theory

PROGRAMMING SKILLS

Proficient Python, Matlab, LaTeX, Markdown

Familiar C, Linux, TensorFlow, Keras, OpenCV, SQL, Git, FPGA

LANGUAGE SKILLS

TOEFL iBT 106/120 (Reading 29, Listening 28, Speaking 24, Writing 25)