

Research Interests

360 Video Streaming, Multimedia Communication, Convex and Nonconvex Optimization

Education

- **Shanghai Jiao Tong University** Sep. 2019 – present
M.S. in Information and Communication Engineering Advisor: Prof. Ying Cui; GPA: 3.84/4.00
- **Shanghai University** Sep. 2015 – July. 2019
B.S. in Communication Engineering GPA: 3.66/4.00

Publications

- [TIP'21] **Lingzhi Zhao**, Ying Cui, Zhi Liu, Yunfei Zhang and Sheng Yang, "Optimal Adaptive Streaming of 360 Videos with Perfect, Imperfect, and Unknown FoV Viewing Probabilities in Wireless Networks," *IEEE Trans. Image Process.*, major revision.
- [TWC'21] Chengjun Guo, **Lingzhi Zhao**, Ying Cui, Zhi Liu and Derrick Wing Kwan, "Power-Efficient Wireless Streaming of Multi-Quality Tiled 360 VR Video in MIMO-OFDMA Systems," *IEEE Trans. Wireless Commun.*, 2021.
- [GLOBECOM'20] **Lingzhi Zhao**, Ying Cui, Chengjun Guo and Zhi Liu, "Optimal Streaming of 360 VR Videos with Perfect, Imperfect and Unknown FoV Viewing Probabilities," *IEEE Global Communications Conference*, 2020.

Research Project

- **Adaptive Network Information Exposure for Live Streaming in Vehicle Networks**

Honors And Awards

- Outstanding Student Scholarship, SJTU 2020
- Outstanding Student Scholarship, SHU 2016, 2017, 2018

Industrial Experience

- **DPVR** Apr. 2018 - Jul. 2018; Jun. 2019 - May 2019
Software Engineer

Teaching Experience

- Convex Optimization Teaching Assistant, Sep. 2020 – Jun. 2021

Services

- Reviewer for IEEE Trans. Wireless Commun. 2021
- Reviewer for ACM MobiHoc 2021

Skills

- **Programming:** Python, Matlab, C++