

Florian Wiedner

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About me

- Master of Science in Computer Science
- PhD Student
- Chair of Network Architectures and Services, Prof. Carle
- Technical University of Munich
- At the Chair since August 2020

Research Focus

- Low-latency networking and measurements
- Hardware-near virtualized networks
- Time Sensitive Networking
- Hardware-assisted virtualization of routed networks



Poster about my current efforts

Containing Low Tail-Latencies in Packet Processing Using Lightweight Virtualization

Current questions

- What influences does the combination of hardware and virtualization framework has on tail-latencies?
- Can TSN-based networks be virtualized and what is the impact of virtualization on TSN?

Further interests

- On optimizing vanilla Linux systems in lightweight and full virtualization for low-latency
- latency guarantees in general purpose networks
- ...