

# Justus Fries

PhD Student at Chair of Connected Mobility

Research Topics and work:

- Transport protocols and mechanisms for web and multimedia (and sometimes Connected Autonomous Vehicles)
- Cross-layer approaches and Internet measurements
- Internet connectivity of end-users



# Open Questions

- How can I test my protocols and modifications at a scale similar to Google/Cloudflare?
  - Realism of network/Internet emulators and testbeds, recruiting people for measurement campaigns
- What is a good mental model for how pacing/packet bursts affect other Internet traffic?
  - Jitter, maybe other aspects
- How useful is RIPE Atlas for searching for and analyzing other people's measurement campaign results?
- Does decentralization belong to the application layer or should it be below?