

Introduction & Research



- Dr. Fabien Geyer
- 2017: Postdoc at Chair of Network Architectures and Services
- 2011 - 2017: Researcher at Airbus Group Innovations
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- Performance evaluation of networks and QoS
- Modeling of networks
 - with network calculus for performance guarantees
 - with deep learning for performance prediction and data-driven architectures
 - for performance and architecture optimization
- New paradigm for switches and routers: SDN and P4

Open Questions

Data-Driven Network Architectures

- Novel deep-learning models for performance evaluation?
- How and where to include lessons learned from data in architectures and protocols?
- Datasets and measurements: best practices for our community?

Software-Based Packet Processing

- Is there a killer application for P4 and related technologies?
- What are the current challenges of software-based packet processing?