

# Post Doc@LKN

**Dr.-Ing. Andreas Blenk**

Lehrstuhl für Kommunikationsnetze (Prof. Kellerer)

Postadresse

Arcisstr. 21

80333 München

Tel.: +49 (89) 289 - 23540

Raum: [0509.03.932](#)

[andreas.blenk\(at\)tum.de](mailto:andreas.blenk(at)tum.de)



<https://andiblenk.github.io/>

## ... and Research Fellow@CT in Vienna

Andreas Blenk



**Research Group Communication Technologies**

Visiting Researcher

Währinger Straße 29, 1090 Wien

 [andreas.blenk@univie.ac.at](mailto:andreas.blenk@univie.ac.at)



# Towards Autonomous Networking

**Research Goal:** Make networks self-X (self-benchmarking, self-optimizing, self-verifying, self-adapting, self-reconfiguring, ...)

**It is not about cars!**



*Successfully received Funding!*

**Adversarial Design Framework for Self-Driving Networks (ADVISE) – 2 PhD Students**

**Accepted D-A-CH** project with Prof. Stefan Schmid (CT@UniVienna)  
Lead agency: DFG  
2020-2023



*My Talk Today!*

## Bayesian Optimization for Self-Driving Benchmarks

Data-driven benchmarking to find weak spots in network functions, algorithms, etc.

Zerwas et al. "NetBOA: Self-Driving Network Benchmarking". In 2019 Workshop on Network Meets AI & ML (NetAI'19), August 23, 2019, Beijing, China

