Forschungspraxis

SDN based Lightpath Lifecycle Management for Open Disaggregated Transport Networks

The Optical Networking Industry now aims to move into a disaggregated transport network use case, so that operators can reduce operation costs and deploy open solutions for management and control of such networks. SDN controllers based on Open Daylight TransportPCE and OpenROADM Models.

In this internship, a student will deploy such a testbed integrated with LKN’s in-house network planner and then conduct measurements to provide first insights into Online Optical Network Planning.

Prerequisites

1. Knowledge of Optical Networks
2. Knowledge of SDN
3. Good to have working knowledge of Java.

Advisors

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