Forschungspraxis

Lightpath Reconfiguration Algorithms for Optical Network Planning

In this internship/bachelor thesis, a student will research different lightpath reconfiguration algorithms models and their applications to flexible optical networking. Then, they will create an evaluation framework and finally simulate a network planning study. The results will be investigated to draw useful conclusions.

Prerequisites

Must Have

● Basic knowledge of graph theory, communication networks and optical networks
● Independent worker
● Working knowledge of Python
● Willingness to learn

Good to Have

● Knowledge of Java
● Familiarity with NetConf/YANG

Contact

To apply, please send your CV and grade transcripts to kireet.patri@tum.de

Advisors

Sai Kireet Patri