Forschungspraxis

Performance Analysis of LiFi-WiFi HetNets in ns-3

This work involves

- Understanding the existing basic ns-3 simulator for a LiFi-WiFi Heterogeneous network.
- Evaluating the framework under different system parameters (number of users, number of access points, etc.) and visualizing the results in terms of data rate and other metrics.
- Adapt the existing simulator to implement a simple resource management scheme and analyzing the results.

If you are interested in this work, please send an email with a short introduction of yourself along with your CV and grade transcript.

Prerequisites

- Experience working with ns-3
- Strong foundation in Wireless communication
- Interest to learn about LiFi

Advisors

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