Forschungspraxis

Time synchronisation in multi-point wireless deterministic edges based on the Fine Time Measurement protocol

The focus of the research internship concerns the support on the integration and eventually development of time synchronisation extensions for the “Fine Time Measurement” protocol of IEEE 802.11ax. The work to be carried out concerns experimentation and performance evaluation concerning time synchronization aspects involving a hybrid Ethernet/TSN/Wi-Fi6 testbed, where the wireless region integrates multi-AP scenarios.

Prerequisites

C. C++, Understanding of Wireless Communications, Understanding of time synchronization.

Advisors

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