TUM

Forschungspraxis

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

he focus of the research internship concerns the sup-
port 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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