Forschungspraxis

Mobility model implementation and evaluation of mobility impact on user QoS and network KPIs

You will implement the Madrid grid mobility model that will be integrated into our 5G and beyond simulator. This model generates synthetic traces of mobile pedestrian and vehicular users. Next, you will evaluate the impact of user speed on mobility KPIs such as the number of handovers, handover failures and handover interruption time (the time when users cannot transmit or receive data for a certain time).

Prerequisites

- Good knowledge of Python
- Good knowledge of communication networks
- Interest to learn about mobility management in 5G and beyond

Contact

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Advisors

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