

Einladung zum Vortrag  
im Oberseminar Analysis

## Human Mobility and Its Impact on the Transmission Dynamics of COVID-19

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Human mobility, which refers to the movement of people from one location to another, is believed to be one of the key factors shaping the dynamics of the COVID-19 pandemic. There are multiple reasons that can change human mobility patterns, such as fear of infection, control measures restricting movement, economic opportunities, political instability, etc. Human mobility rates are complex to estimate as they can occur on various time scales, depending on the context and factors driving the movement. For example, short-term movements are influenced by the daily work schedule, whereas long-term trends can be due to seasonal employment opportunities.

My talk will shed light on various sources of human mobility data, how this mobility data can be used to trace human movement between different points of interest, some general precautions and limitations of these data sources, and finally factors that influence human mobility, especially during COVID-19.

**Alle Interessierten sind herzlich  
eingeladen!**

**Datum:** Donnerstag, 02.11.2023

**Uhrzeit:** 14:15 Uhr

**Ort:** 04-522

