# Abstract

# Introduction

# Related Work

Absatz Stochastic Behavior (Random Walk, Randon Waypoint, Levy, Markov)

Absatz Real Network Behavior (Valerio,Tettamanti, Vodafone)

# Methodology

## Dataset

### Paragraph Subscriber Information (Call Detail Records)

### Paragraph Cell Area Estimation (Cell Tower Segmentation, Elevation Building, Transmit Power, Cellular Planning Tool, Voronoi)

Output Format

## Subscriber Mobility and Behavior Estimation

### Paragraph Estimating the Subscribers Path (Trajectory generation)

### Paragraph Deriving Velocity from Handover Positions (Timing and Adaption, Algorithm for Handover Point and Adaption)

## Evaluation of Subscriber Trajectories

Explain the methods and algorithms that were used to gather the results and compare the approaches. Give an overview of used algorithms like (hausdorff and frechet) for route similarity.

# Experiments and Results

Gives an overview of the captured trajectories, illustrates the routes as well as the handover sequence for each.

## Environment

Present the environment in which the results have been carried out. Show the individual handover sequence and the estimated handover points for each subscriber.

## Results

Explains the results gathered from the trajectories shown in the previous section. Not sure if we should combine the results of all subscribers or describe individual results.

# Conclusion and Discussion

Discussion of the results and further improvements

# Summary

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