**Introduction**

- Aiming to investigate the initial phase of communication with navigation systems
- Observing gaps impacting the usability and efficiency
- Suggesting future research on the semantic base of navigation systems in their understanding people’s description of place.

**Identified Gaps**

- Inefficient specification of a route:
  - Format constraints
  - Not allowing natural language
  - Limited travel modes

- Different concepts between users and systems:
  - Limited categories of input
  - Gazetteers vs. variety of place

**Experiments**

- Aim: enabling input by place descriptions
- Named streets prominent by *betweenness* centrality
- Average length of place descriptions

**Future Research Questions**

- How to interpret users’ input properly?
- How to locate a place given by a place description?
- How to understand spatial relations, vernacular names, and context-dependent expressions?