

PERCEPTION OF DATA VISUALIZATIONS ACROSS DEVICES

ADVISOR

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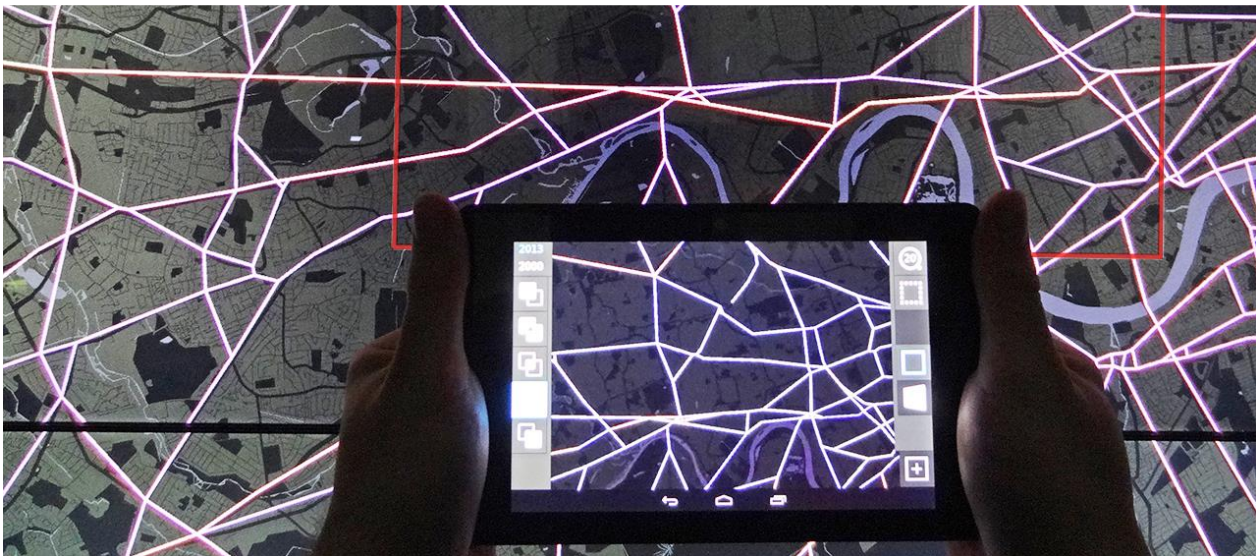
GENERAL TOPIC

When people explore data on large wall-sized displays, small local displays can help to display detailed data. These small displays (such as tablets or phones) are typically held in viewers' hands while they walk around the room and explore the data.

One of the open research questions is how people can mentally integrate local information shown on their personal, local displays in context of the information shown on the large displays.

INTERNSHIP TOPICS

The goal of the internship is to run a user study in which participants will perform data analysis tasks involving a large wall display and one local display showing detail data. If you are interested in this internship your task will be to design the experiment with your advisor, implement the software for the wall and the local display, run the study, and analyse the study. Depending in the result, this work can be written up as a research poster or paper and submitted to a conference. The advisor will help the student in weekly meetings.



REQUIREMENTS AND EXPECTATIONS

The student should have followed an HCI, Information Visualization, or Visual Analytics Course. Basic implementation skills for building the study software are also needed to complete this internship successfully.