2023 CSIG-VIS
International Lecture Series 28

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Beijing time (UTC/GMT+08:00)
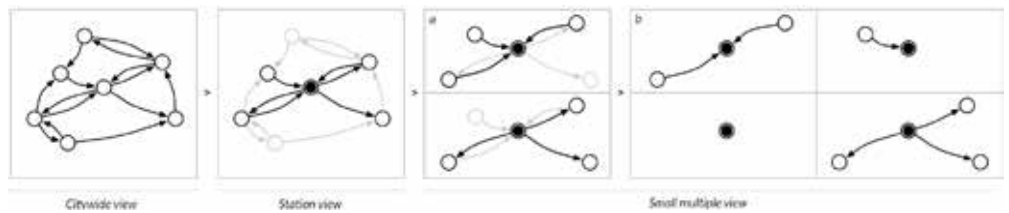**https://live.bilibili.com/26332543**

Prof. Till Nagel

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Moving people
Non-traditional forms of visualizing mobility

In recent years, mobility is increasingly recorded digitally through various sensors and systems. In the resulting vast amounts of data lie countless stories of movement. Thus, there is the need to explore the spatio-temporality of these data sets. Common flow maps and other traditional visualization techniques help to reveal patterns and relationships inside various movement data but typically focus on analytical tasks. Through a series of alternate mobility representations we investigated new ways to support people making sense of complex phenomenon relevant to their own experience. In my talk I will present and discuss experimental visualizations aiming to encourage a reflective use of individual and aggregated movement data.

Dr. Till Nagel is a Research Professor of Visual Analytics at the Mannheim University of Applied Sciences, where he heads the Human Data Interaction Lab, which investigates new ways of supporting different target groups with interactive data representations. A major focus of his research is around the themes of urban data and mobility visualizations, and in tools and methods to construct visualizations. He is a co-editor of the book Making with Data (2023), a member of the IEEE VIS Arts Program (VISAP) Steering Committee, and is an Associate with the Medical Faculty Mannheim of Heidelberg University. https://www.hdilab.org