

Data visualization using large-format display systems

Utilizing large-format display systems can provide great benefit for some visualization applications ranging from the available higher resolution to interacting with visualization as a group of individuals. In a collaborative visualization setting, the fact that these types of displays provide more real estate in front of the display allowing a group of people to discuss various aspects of the data at hand is a great benefit. Most large-format displays also provide a better resolution so that the visualization can take advantage of the larger number of pixels available. However, the transition from the desktop to such large-format display is not straight-forward as different input metaphors and paradigms are needed compared to a desktop setting. This presentation will provide an overview of different interaction paradigms for these types of displays specifically for visualization purposes. Different display configurations, which tend to require different input methods for interaction, are also discussed within the visualization domain.