

WORKSHOP

UNCERTAINTY VISUALIZATION

From Uncertain Data To Uncertain Theory

University of Konstanz | 24 - 25 July, 2017

Prof. Dr. Oliver Deussen
University of Konstanz

Prof. Dr. Daniel Weiskopf
University of Stuttgart

Prof. Dr. Rüdiger Westermann
Technical University of Munich

Invited Talk

What is More Uncertain: Data, Visualization, or Insight?

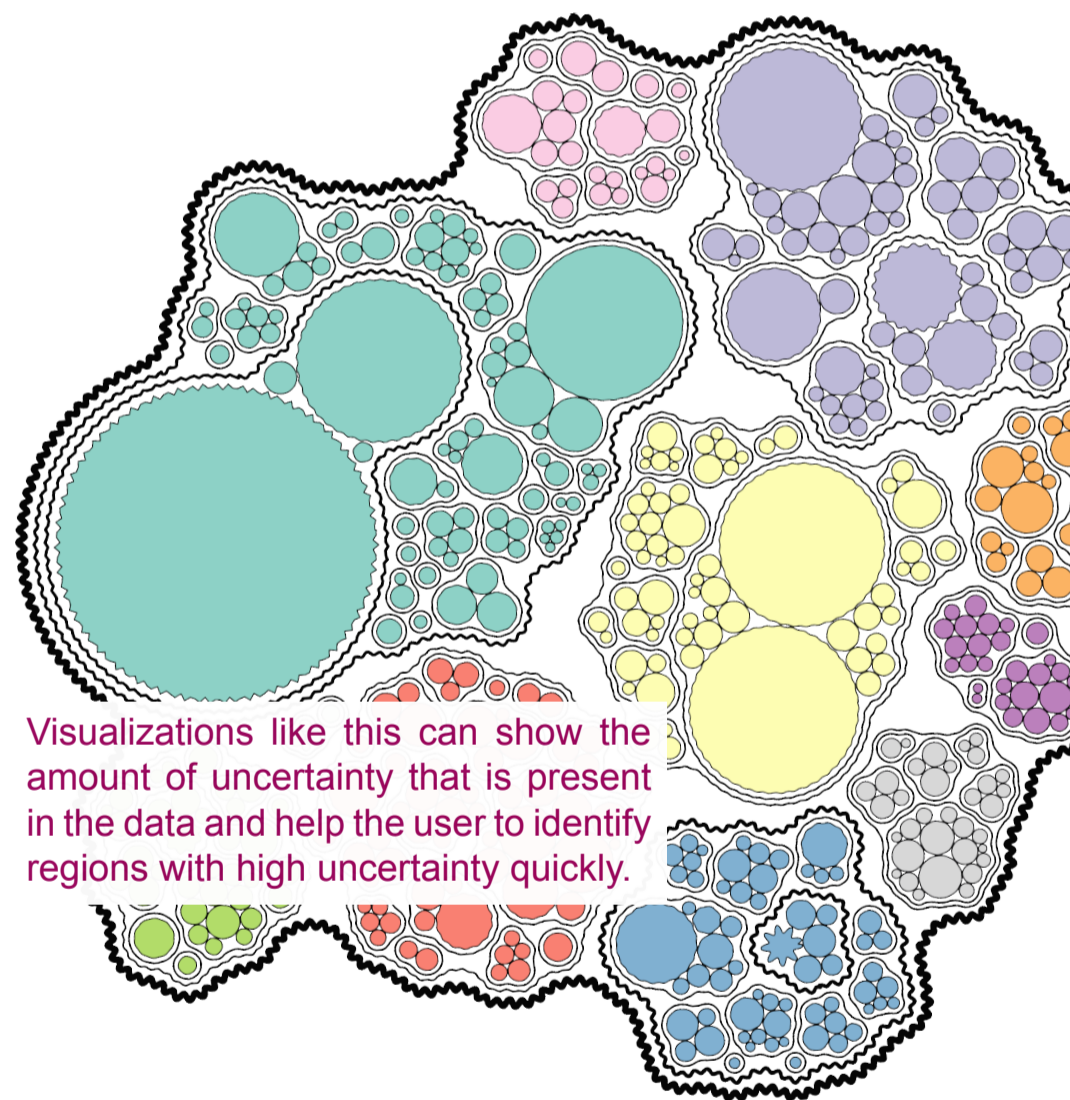
Prof. Dr. Min Chen, University of Oxford

Workshop Description

Many data sources are subject to inaccuracies, missing information, or other types of uncertainty. In this workshop, we want to discuss all aspects related to the visualization of such data, we want to understand different means for displaying different uncertain data types. Likewise, interaction with uncertainty visualization will be considered to address uncertainty-aware visual analytics.

Is it possible to quantify the extent of perceived uncertainty transported by a visualization? What are mechanisms to specify uncertainty ranges from the user perspective?

This workshop will address uncertainty in scientific visualization, information visualization, and visual analytics alike? We will also include the application perspective on uncertainty visualization.



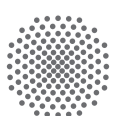
Visualizations like this can show the amount of uncertainty that is present in the data and help the user to identify regions with high uncertainty quickly.

The SFB-TRR 161 “Quantitative Methods for Visual Computing” is a Transregional Collaborative Research Center. Partner institutions are the Universities of Stuttgart and Konstanz, and the Max Planck Institute for Biological Cybernetics in Tübingen.

Participation fee for non-Transregio members: € 100.

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