ANALYSIS, VISUALIZATION & INTERACTION

NEW VISUAL REPRESENTATIONS

- NPR & Illustrative Visualization
  Rendering techniques and visual representations inspired by traditional artistic and illustrative depiction.
  - 2013: Visual Abstraction and Representation of Maps

- Multi-Dimensional Data
  Improving the visual representation and navigation of multi-dimensional data.
  - 2010: ScatterDice
  - 2012: Perception of data in the mind

- Wall-sized
  Supporting large-scale data analysis and interaction with visualization on a high-resolution wall.
  - 2012: Sketchiness for Depicting Uncertainty
  - 2010: Animating tools with features

- Interactive Evolution
  Combining Evolutionary Optimisation, interaction, and Visualisation, to deal with complex exploration problems.
  - 2012: EVOLuto
  - 2010: Sketchy Rendering for Information Visualisation

- Animations
  Studying how smooth animated transitions can help users navigate between data views without getting lost.
  - 2010: Animating tools with features

- Visualizing Uncertainty
  Investigating methods to depict uncertainty in data such as sketch rendering.
  - 2012: Sketchiness for Depicting Uncertainty

- Tangible
  Moving data and controls to the physical world to exploit people’s abilities to manipulate objects and collaborate.
  - 2012: Stackables
  - 2007: NodeTree

- Networks
  New and hybrid visual representations and interactions for exploring networks.
  - 2010: GeneaQuilts
  - 2011: TRC

- Touch Interaction
  Creation of integrated touch interaction toolkit for 3D data exploration.
  - 2012: Direct Touch Interaction with 3D Visualizations

- Software Infrastructures

- Evaluation Methods

NEW INTERACTIONS