

Introduction and Keynote

Tuesday, 1:30pm – 3:10pm

Chairs: Pak Chung Wong and Daniel Keim

Keynote Speaker: Joe Kielman

Title: Designer Information – Why Visualization and Analytics Technologies Should Help Us Focus Our Minds and Not Our Senses

Spatial and Temporal Data

Tuesday, 3:40pm – 4:55pm

Chair: Bill Ribarsky

1. TimeTree: Exploring Time Changing Hierarchies, Stuart Card, Bongwon Suh, Bryan Pendleton, Jeffrey Heer, John Bodnar
2. Visual Exploration of Spatio-temporal Relationships for Scientific Data, Sameep Mehta, Srinivasan Parthasarathy, Raghu Machiraju
3. Visual Analytics of Paleoceanographic Conditions, Roberto Theron, Roberto Theron
4. Avian Flu Case Study with nSpace and GeoTime, Pascale Proulx, Sumeet Tandon, Adam Bodnar, David Schroh, Robert Harper, David Schroh
5. Visual Analysis of Historic Hotel Visitation Patterns, Chris Weaver, David Fyfe, Anthony Robinson, Deryck Holdsworth, Donna Peuquet, Alan MacEachren

Contest Results

Wednesday, 10:45am – 12:00pm

Chairs: Georges Grinstein, Sharon Laskowski, Theresa O' Connell, Catherine Plaisant, Jean Scholtz, Mark Whiting

Complex Information Spaces

Wednesday 1:30pm – 3:10pm

Chair: Stu Card

1. D-Dupe: An Interactive Tool for Entity Resolution in Social Networks, Mustafa Bilgic, Louis Licamele, Lise Getoor, Ben Shneiderman
2. Interactive Visual Synthesis of Analytic Knowledge, David Gotz, Michelle X. Zhou, Vikram Aggarwal
3. Visual Analysis of Conflicting Opinions, Chaomei Chen, Fidelia Ibekwe-SanJuan, Eric SanJuan, Chris Weaver
4. Have Green-A Visual Analytics Framework for Large Semantic Graphs, Pak Chung Wong, George Chin, Harlan Foote, Patrick Mackey, Jim Thomas
5. Exploring Large-Scale Video News via Interactive Visualization, Hangzai Luo, Jianping Fan, Jing Yang, William Ribarsky, Shin'ichi Satoh

Graph and Network Data

Wednesday 3:40pm – 5:40pm

Chair: George Robertson

1. Interactive Visualization and Analysis of Network and Sensor Data on a Mobile Device, Avin Pattath, Brian Bue, Yun Jang, David Ebert, Xuan Zhong, Aaron Ault, Edward Coyle

2. NetLens: Iterative Exploration of Content-Actor Network Data, Hyunmo Kang, Catherine Plaisant, Bongshin Lee, Benjamin B. Bederson
3. Interactive Wormhole Detection in Large Scale Wireless Networks, Weichao Wang, Aidong Lu
4. Enhancing Visual Analysis of Network Traffic Using Knowledge Representations, Ling Xiao, John Gerth, Pat Hanrahan
5. Accelerating Network Traffic Analysis Using Query-Driven Visualization, E. Wes Bethel, Scott Campbell, Eli Dart, Kurt Stockinger, Kesheng Wu
6. Monitoring Network Traffic with Radial Traffic Analyzer, Daniel A. Keim, Florian Mansmann, Jörn Schneidewind, Tobias Schreck

IEEE VAST PhD Colloquium

Thursday 8:30am – 10:15am

Chairs: Richard May and Bill Pike

IEEE VAST Panel

Thursday 10:45am – 12:00pm

Chair: Jim Foley

Title: Visual Analytics Education

Evaluation and Collaborative Aspects

Thursday 1:30pm – 3:10pm

Chair: Brian Fisher

1. Toward a Multi-Analyst, Collaborative Framework for Visual Analytics, Susan E. Brennan, Klaus Mueller, Greg Zelinsky, IV Ramakrishnan, David S. Warren, Arie Kaufman
2. Collaborative Visual Analytics: Inferring from the spatial organization and collaborative use of information, Paul Keel
3. Beyond Usability: Evaluation Aspects of Visual Analytic Environments, Jean Scholtz
4. Visualizing The Performance of Computational Linguistics Algorithms, Stephen Eick, Justin Mauger, Alan Ratner
5. ScentIndex: Conceptually Reorganizing Subject Indexes for Reading, Ed H. Chi, Lichan Hong, Julie Heiser, Stuart K. Card

Multidimensional Multivariate Data

Thursday 3:40pm – 5:20pm

Chair: Pat Hanrahan

1. A Visual Interface for Multivariate Temporal Data: Finding Patterns of Events across Multiple Histories, Jerry Fails, Amy Karlson, Layla Shahamat, Ben Shneiderman
2. User Interfaces for the Exploration of Hierarchical Multi-dimensional Data, Mark Sifer
3. Exploratory Visualization of Multivariate Data with Variable Quality, Zaixian Xie, Shiping Huang, Matthew Ward, Elke Rundensteiner
4. Semantic Image Browser: Bridging Information Visualization with Automated Intelligent Image Analysis, Jing Yang, Jianping Fan, Daniel Hubball, Yuli Gao, Hangzai Luo, William Ribarsky, Matthew Ward

5. Pixnostics: Towards Measuring the Value of Visualization, Joern Schneidewind, Daniel Keim, Mike Sips

Closing Remarks

Thursday 5:20pm – 5:40pm

Chairs: Pak Chung Wong and Daniel Keim