IEEE SYMPOSIUM ON INFORMATION VISUALIZATION (INFOVIS '98)
Sponsored by the IEEE Computer Society Technical Committee on Computer Graphics
October 19-20, 1998 • Imperial VI & VII

Monday, October 19
8:30 - 10:00 Opening Remarks and Keynote Address: Leveraging Human Capabilities in Information Perceptualization, George Robertson, Microsoft
10:00 - 10:30 Break
10:30 - 12:00 Papers: Visualizing Hierarchies and Networks
(1) WebPath - a Three-dimensional Web History, Emmanuel Frecon, Gareth Smith
(2) Traversal-based Visualization of Data Structures, Jeffrey Korn, Andrew Appel
(3) Reconfigurable Disc Trees, Chang Sung Jeong, Alex Pang
(4) An Interactive View for Hierarchical Clustering, Graham Wills
12:00 - 1:30 Lunch
1:30 - 3:00 Papers: Visualizing Large Information Spaces
(1) Taming Large Datasets with Dynamic Aggregation, Mei Chuah
(2) The Generalized Detail-In-Context Problem, T. Alan Keahey
(3) Similarity Clustering of Dimensions for an Enhanced Visualization of Multidimensional Data, Mihael Ankerst, Stefan Berchtold, Daniel Keim
(4) Uncluttering Force-Directed Layouts, E. Gansner, S. North
(5) Combining Topological & Multidimensional Scaling for Visualizing Large Datasets, D. Brodbeck, L. Giardin
3:00 - 3:30 Break
3:30 - 5:00 Papers: Visualization Frameworks and Systems
(1) An Operator Interaction Framework for Visualization Spreadsheets, Ed Chi, John Riedl
(2) Algorithm Visualization for Distributed Environments, Yoram Moses, Zvi Polunsky, Ayellet Tal, Leonid Ulitsky
(3) IVORY - an object-oriented Framework for Physics-Based Information Visualization in Java, T.C. Sprenger, M.H. Gross, D. Bieber, T. Strasser
(4) Geographic Visualization: Designing Manipulable Maps for Exploring Temporally Varying Georeferenced Statistics, Alan MacEachren, Frank Boscoe, Daniel Haug, Linda Pickle
7:00 Reception

Tuesday, October 20
8:30 - 9:15 Panel: Visualization in Command and Control Centers – A discussion of issues and challenges for both military and industry centers for command and control of large complex systems
9:15 - 10:00 Short Reports and Late Breaking Hot Topics I
(1) Information Slices, Andrews
(2) Enhancing Visualizations with Motion, L. Bartram
(3) Bringing the Advantages of 3D Distortion Viewing Into Focus, Carpendale et al.
10:00 - 10:30 Break
10:30 - 12:00 Short Reports and Late Breaking Hot Topics II
(1) Saying It in Graphics: From Intentions to Visualizations, Stephan Kerpedjiev, Giuseppe Carenini, Nancy Green, Johanna Moore, Steven Roth
(2) Visualizing Decision Table Classifiers, Bary Becker
(3) Comparative Visualization of Protein Structure-Sequence Alignments, Marc Hansen, Dona Meads, Alex Pang
(4) Tactical map-based information, Steven Holste
(5) Visualizing Contract Wins & Losses, S. Kim et al.
(6) Contextual Model Fitting, L. Tweedle
(7) Navigating Aggregation Spaces, A. Mockus
12:00-1:30 Lunch
1:30 - 3:00 Papers: Visualizing Text and Documents
(1) Lensbar - Visualization for Browsing and Filtering Large Lists of Data, Toshiyuki Masui
(2) The Shape of Shakespeare: Visualizing Text Using Implicit Surfaces, Randall Rohrer, David Ebert, John Silbert
(3) Bibliomapper: A Cluster-based Information Visualization Technique, Min Song
(4) Multi-faceted Insight Through Interoperable Visual Information Analysis Paradigms, Beth Hetzler, Paul Whitney, Lou Martucci, Jim Thomas
3:00 - 3:30 Break
3:30 - 5:00 Capstone Address: Visual Explanations, Edward Tufte, Yale University

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VIZLIES ’98
TUESDAY EVENING SPECIAL SESSION - PARTY
Tuesday 7:30pm • Imperial VI & VII
How to Lie and Confuse with Visualization

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