

IEEE SYMPOSIUM ON INFORMATION VISUALIZATION (INFOVIS '98)

Sponsored by the IEEE Computer Society Technical Committee on Computer Graphics
October 19-20, 1998 ■ RESEARCH TRIANGLE PARK, NC

Monday, October 19

- 8:30 - 10:00 **Opening Remarks and Keynote Address**—details and abstract will become available on the web page at a later date
- 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
- 3:00 - 3:30 Break
- 3:30 - 5:00 **Papers: Visualization Frameworks and Systems**
- (1) **An Operator Interacton 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. Bielser, 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

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For further information see <http://www.erc.msstate.edu/infovis98>

Tuesday, October 20

- 8:30 - 9:45 **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
- 9:45 - 10:15 Break
- 10:30 - 12:00 **Short Reports and Late Breaking Hot Topics***
- (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, Doanna Meads, Alex Pang
 - (4) **Tactical map-based information**, Steven Holtes
- * see web page for other late breaking topics
- 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 Sibert
 - (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: and Closing Remarks**—details and abstract will become available on the web page at a later date

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