

Research Challenges For Visualization Software



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Research Challenges for Visualization Software Hank Childs, Berk Geveci, Jeremy Meredith, Kenneth Moreland, Christopher Sewell, E. Wes Bethel, Torsten Kuhlen, and Will Schroeder Abstract Over the last twenty-five years, visualization software has evolved into robust frameworks that can be used for

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Any of these collaborative settings carries a set of challenges and opportunities for visualization research. Digital information is already regularly accessed by multiple people together in order to share information, to view it together, to analyze it, or to form more » decisions.

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(PDF) Visualization research challenges - A report summary

As software systems become increasingly larger and developed by teams of software developers it is important for software visualization researchers to help support software developers collaborate better with tools, techniques, and environments. A paper entitled Collaborative Visualization: Definition, Challenges and Research Agenda by Petra Isenberg, Niklas Elmqvist, Jean Scholtz, Daniel ...

Collaborative Visualization: Definition, Challenges and ...

The most basic forms of digital information visualization are familiar to student and mentor alike: Charts and graphs of various kinds are basic visualizations, and the use of software tools such as PowerPoint represent an early and incomplete effort to meet its challenges.

Challenges and Benefits of Information Visualization ...

Big Data and Visualization: Methods, Challenges and Technology Progress. Lidong Wang 1,, Guanghui Wang 2, Cheryl Ann Alexander 3. 1 Department of Engineering Technology, Mississippi Valley State University, USA. 2 State Key Laboratory of Severe Weather, Chinese Academy of Meteorological Sciences, China. 3 Technology and Healthcare Solutions, Inc., USA

Big Data and Visualization: Methods, Challenges and ...

NIH-NSF Visualization Research Challenges Report Chris Johnson 1, Robert Moorhead 2, Tamara Munzner 3, Hanspeter Pfister 4, Penny Rheingans 5, and Terry S. Yoo 6 1 Scientific Computing and Imaging Institute School of Computing University of Utah Salt Lake City, UT 84112 crj@sci.utah.edu

NIH-NSF Visualization

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Visualization research | NIST

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