



January 4-7, 2011, The Grand Hyatt Kauai Resort & Spa, Koloa, Kauai, Hawaii.

Track: Digital Media: Content and Communication

Minitrack: Visualizing and Analyzing Digital Media across Scales

This minitrack examines analytical and interactive approaches for the utilization of massive and streaming data to understand and manage complex systems. Innovations in computers, graphical displays and sensors give us the capability to generate, process, and visualize data from real-time data streams and massive data archives. Advanced data analysis approaches generate new algorithms, applications, and communication protocols optimized for platforms that include supercomputers and low-wattage mobile computers. Innovations in computer graphics and human-information interaction provides the basis for novel interactive visualization systems that can support the innate human ability to characterize, analyze, and manipulate information in complex interactive visual and multimodal environments across a multitude of devices, from mobile tels to supercomputers.

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