
Subject: Final Announcement: IEEE Vis 92
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Final Announcement
IEEE Visualization '92 Conference

Boston Park Plaza Hotel
19-23 October 1992

Scientific Visualization is an important research frontier shared by a variety of computational science & engineering fields. Visualization work is both interdisciplinary and a field of its own right. This conference focuses on interdisciplinary methods and supports collaboration among the developers and users of visualization methods across science, engineering, and commerce.

The conference includes the following sessions:

Keynote Address: "High Performance Computing and Communications"

Keynote Panel: "Interactions Between Science and Visualization"

Tutorials:

- Volume Visualization
- Virtual Environment
- Visual Perception for Visualization and Image Processing
- Color Theory and Models
- Topology, Vector Fields, and Flows
- Automating the Design of Effective Graphics
- Visualization of Multidimensional and Multivariate Data

Workshops

Panels:

- Managing Large Scientific Data Bases
- Grand Challenge Problems in Visualization Software
- Improving visualization: Perceptual Foundations
- Real Virtual Environments Applications - Now
- Visualization in the Neurosciences
- Object-Oriented Dataflow Visualization Systems

Paper Sessions:

- Volume Visualization
- Flow Visualization
- Surface Visualization
- Visualization Systems

Data Structures
Visual Programming
Visualization Software Systems
Visualization Techniques and Methods
Terrain Visualization

Case Studies Sessions on Physics, Life Sciences, the Environment, and
Fluid Dynamics

Special Sessions:

Research Problems in Visualization
How to Lie and Confuse With Visualization

Capstone Address: "Parallel Processing of Form, color, Motion, and
Depth: Anatomy, Physiology, Art, and Illusion"

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