

Workshop on Grid-Based Visualization at IEEE Visualization 2006

Baltimore, Maryland, USA – Monday 30th October 2006 -

This half-day workshop at IEEE Visualization 2006 (<http://vis.computer.org/vis2006/>) will explore the impact on visualization systems of two emerging developments in computing: **Grids and Web Services**.

The aim is to bring together those interested in distributed visualization systems in order to share experiences and initiate a **state of the art report on Grid-based visualization**. We shall take a broad view extending beyond just 'The Grid', and therefore we shall look at a number of related issues:

- How should visualization web services be developed?
- How can visualization systems adapt dynamically to available resources?
- Is interactivity well supported in the Grid model of computing?
- How should simulation and visualization be linked in Grid environments to support computational steering?
- How should provenance of visualizations be maintained?
- What can visualization learn from workflow?
- Is there a need for national or international visualization services?

These questions are typically concerned with how Grid-based visualization can leverage existing work in a variety of areas; another important question is how can visualization impact on these other areas?

The format will be a mix of talks and discussion sessions. We aim to publish the state-of-the-art report widely after the workshop.

Ian Foster (Argonne National Laboratory) – the leading figure in the world of Grid computing - has agreed to deliver a keynote talk at the start of the workshop. A group of leading Grid/visualization experts are acting as the organising team.

If you would like to attend the workshop, please contact one of the workshop co-chairs:

- **Ken Brodlie** (Leeds University, UK – kwb@comp.leeds.ac.uk)
- **Juliana Freire** (Utah University, USA) – juliana@cs.utah.edu
- **Claudio Silva** (Utah University, USA) – csilva@cs.utah.edu

Please include a brief note describing your interest in the area, and any further questions you feel the workshop should address.