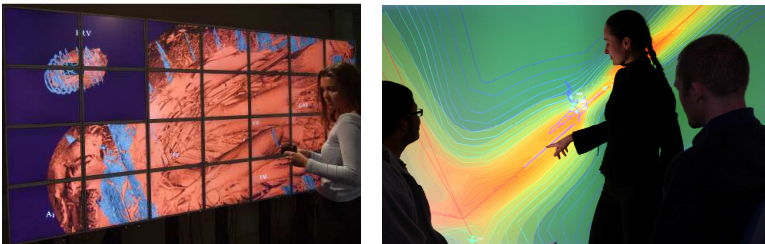


The 3rd Interdisciplinary Conference on Intersections of Visualization Practices and Techniques

Loughborough University
29th - 30th October 2009

Visualization is an important tool for communicating and analysing complex information in many disciplines. Advances in numerical simulations and imaging techniques have provided scientists with a new wealth of detail into the natural world, but also new challenges in visualization analysis. This years interdisciplinary conference has a specific focus on solving these emerging problems within science and engineering.



Showcasing new visualization techniques

The two day conference aims to introduce leading visualization techniques and improve understanding about state of the art developments for both novice and more experienced users. The conference will cover a range of topics from desktop GPU based visualization through to high-end techniques including the role of Cloud Computing and Giga-Pixel displays.

The conference has a strong focus on hands on collaboration and provides the opportunity for participants to network with other researchers and obtain hands-on help with specific visualization problems. Previous years have established the conference as a forum to share expertise and exchange visualization knowledge within UK academia.

Conference Topics

- Modelling and Simulation
- A rough guide to data visualization
- High-Performance visualization using Cloud computing
- Distributed visualization and the Grid
- GPU-based visualization and computing techniques and their application
- Giga-Pixel display walls and their application
- Visualization frameworks including VTK / Paraview, Visit, and IRIS Explorer
- Live high-performance visualization demonstrations and showcases





Conference Organisation

The conference is organised across two days and includes a mixture of presentations and workshops to stimulate discussion and showcase examples of visualization practice and techniques across application domains in the UK. The discussions are designed for both new and experienced users who wish to increase their knowledge of modern visualization techniques and technologies.

Our aim is to help new researchers and postgraduates within UK academia utilise visualization to improve their own analysis and research. This year there is a special focus on applied science and engineering disciplines, specifically targeting large data set problems that are often encountered within these fields.



Conference Venue

The conference is hosted by **Loughborough University** at Holywell Park, providing first class conference facilities. The venue is ideally located at the heart of the UK, a short distance from the M1.

Accommodation is available at Burleigh Court situated a few minutes from the conference venue.

Registration

Registration is free for staff and students in UK higher-education research. If you would like to attend the conference please complete the registration form on the vizNET website.

Registration closes 25th October. Space is limited so register early to be guaranteed a place.

<http://www.viznet.ac.uk/viznet2009/registration>

About vizNET

The UK Visualization Support Network (vizNET) exists to share visualization knowledge between academics from around the UK. This is achieved through the communication of best practice between application domains and the provision of training and support to researchers in visualization.



For registration and full programme details:

Visit: <http://www.viznet.ac.uk/viznet2009>

Tel: 01509 635674