

AHRC ICT Methods Network Workshop

FROM ABSTRACT DATA MAPPING TO 3D PHOTOREALISM: UNDERSTANDING EMERGING INTERSECTIONS IN VISUALISATION PRACTICES AND TECHNIQUES

Visualization Research Unit, Birmingham Institute of Art and Design, 19 June 2007

PROGRAMME

9.30	Introduction and welcome
9.45	Panel Sessions
	1. Science and Engineering. (~25 minutes) <ul style="list-style-type: none"> ○ VizNET Leeds (for Prof Ken Brodlie), Data Visualization, Scientific Visualization ○ Dr Martin Turner, Standard Scientific Dataflow Reference Models with Examples
	2. Arts and Humanities. (~15 minutes) <ul style="list-style-type: none"> ○ Dr Julie Tolmie, Mathematical Visualisation in the Arts ○ Dr Steve Wilkes, Data Acquisition
	3. Science and Engineering. (~25 minutes) <ul style="list-style-type: none"> ○ Prof Roy Kalawsky, 3D Modelling, Display Technologies ○ Dr Nijad Al-Najdawi, Web-based Visualization, Game Engines
	4. Arts and Humanities. (~35 minutes) <ul style="list-style-type: none"> ○ Carl Smith, 3D Modelling ○ Dr Hugh Denard, Drew Baker, 3D Documentation <-> 3D Modelling ○ Michael Takeo Macgruder, Web-based Visualization ○ Dr Sara de Freitas, Game-based Visualization and Learning
11.15	Coffee
11.40	Panel sessions continued
	5. Science and Engineering. (~15 minutes) <ul style="list-style-type: none"> ○ Prof Nick Avis, Grid Visualization ○ Dr Lakshmi Sastry, Visualization using Commodity Clusters
	6. Arts and Humanities. (~25 minutes) <ul style="list-style-type: none"> ○ Dr Greg Sporton, Grid Visualization ○ Dr Stuart Dunn, AHeSSC, Visualisation in eScience in the Arts and Humanities. ○ eScience case study: eScience Demonstrator project.

12.20	Working discussion - collaborative allocation of diagrams as resources for the group sessions.
	Working lunch
	Group sessions
13.45	Work in cross-domain groups 1. <ul style="list-style-type: none"> ○ Data/Scientific/Maths Visualization ○ Web-based Visualization 3D Modelling
14.45	Work in cross-domain groups 2. <ul style="list-style-type: none"> ○ Distributed & Grid-based Visualization ○ Data Acquisition ○ Display Technologies
15.45	Coffee
	Reconvene to present diagrams
16.30	Discussion (with refreshment) about emerging intersections at two levels: <ul style="list-style-type: none"> ○ cross-domain orientation materials for multiple technologies and multiple visualization techniques for future conferences, courses, online resources. ○ longer term cross-domain dialogue and collaboration opportunities.
17.00	End of workshop