

## vizNET'08 - Full Programme

### Day 1 - Wednesday 7th May

Time	Topics	Summary	Presenter(s)
10:30-11:00	Coffee and Registration	Individual posters to be put up in atrium area. Desks available for demos etc.	
11:00-11:15	Welcome and Introduction to Visualization	The first presentation will provide a whistle stop tour of the event and what to expect and the importance of participating.	Prof Roy Kalawsky (Loughborough University)
11:15-12:00	Showcase video presentation 1	Video clips of visualisation examples submitted where relevant by attendees (3min max clips, silent videos with written description to be submitted)	
12:00-12:45	Candidate interests session	A 5 minutes per person opportunity to explain who the attendees are, their background and what they are hoping to get from the vizNET event	Dr. Julie Tolmie (King's College London)
12:45-13:00	Poster Viewing	Initial viewing of poster with a view to casting votes on the second day.	
13:00-14:00	<b>Buffet Lunch</b>	Served in atrium - plus opportunity to see posters and laptop or other demos attendees wish to bring along	
14:00-14:30	Intersections in visualisations practice	Workshop - including a common terminology	Dr. Julie Tolmie (King's College London)
14:30-15:00	Modelling and Simulation	Presentation on modelling and simulation. This will also look at the reasons why an underlying simulation can actually provide greater insight into a visualisation.	Prof. Roy Kalawsky (Loughborough University)
15:00-15:30	The representational dimension in serious games and virtual world applications	Presentation on visualisation realism requirements for training application	Dr Sara de Freitas (Serious Games Institute, University of Coventry)
15:30-16:00	<b>Coffee break</b>		

## Day 1 - Wednesday 7th May

Time	Topics	Summary	Presenter(s)
16:00-17:00	A Rough Guide to Data Visualization – Part 1	The talk will aim to give a broad overview of the field of data visualization, and will be in two parts. The first part will begin by looking at simple graphs and charts, familiar to all, but with guidance on fundamentals to be understood and pitfalls to be avoided. We then move on to look at visualization of physical data, often called ‘scientific visualization’, where we describe the key techniques of isosurfacing and volume rendering.	Prof. Ken Brodlie (University of Leeds)
17:00-18:00	Showcase	Live hands on demos of stereo visualization system plus other demos as appropriate	Dr. Martin Turner (University of Manchester)
19:00	<b>Dinner</b>		

## Day 2 - Thursday 8th May

Time	Topics	Summary	Presenter(s)
9:00-9:30	Arrival - Coffee Sir Denis Rooke building - ground floor	Viewing of poster display & voting	
9:30-10:00	A Rough Guide to Data Visualization – Part 2	In the second part of the ‘Rough Guide’ we discuss visualization of tables of data, that is, tables of observations, each observation comprised of values of a number of variables (as in census data). Here we are looking for relationships amongst the variables, and we discuss scatter plots, parallel coordinates and glyph techniques. Finally we look at visualization of structured data, such as information hierarchies – examples of these being computer filestores and web pages.	Prof. Ken Brodlie (University of Leeds)
10:00-10:30	Combining the real world and abstract visualisation	Presentation	Dr. Stuart Dunn (King's College London)

## Day 2 - Thursday 8th May

Time	Topics	Summary	Presenter(s)
10:30-10:45	<b>Coffee Break</b>		
10:45-11:45	3D Capture	Workshop and orientation presentation	Chris Rowland (University of Dundee)
11:45-12:45	Games engines for visualisation including demo of Wii based motion capture device	Workshop	John O'Brien (Loughborough University)
12:45-13:45	<b>Lunch</b>	votes to be cast	
13:45-14:30	Recent developments in the Humanities Visualisation	Presentation	Dr. Hugh Denard (King's College London)
14:30-15:30	Visualisation in the Humanities(tbd)	Presentation and Workshop. The focus will be on user modified data.(tbd)	(tbd)
15:30-16:00	<b>Coffee Break</b>		
16:00-16:30	Visualisation in Sports Science	Presentation & demo: application of motion capture data in sports biomechanics research	Prof. Fred Yeardon (Loughborough University)
16:30-17:00	Visualisation in the Arts	Presentation: Tesla, the art of Fugue, and - audiovisualisation	Gordana Novakovic (University College London)
17:00-17:45	Web based visualisation & Grid based visualisation	Two-part Presentation	John O'Brien (Loughborough University) & Prof. Nick Avis (Cardiff university)
17:45-18:15	How vizNET can help you	Presentation and discussion workshop, including presentation of best poster award	Prof. Roy Kalawsky (Loughborough)

## Day 2 - Thursday 8th May

Time	Topics	Summary	Presenter(s)
			University)

## Day 3 - Friday 9th May

Time	Topics	Summary	Presenter(s)
9:00-9:30	Arrival - Coffee		
9:30-10:30	Technical Session	Hands-on tutorial / workshop to teach how to use visualisation cluster, including information on using VNC and VirtualGL. we can also show how to use the IRIS Explorer from this server.  Data mining from Jeremy Walton	Dr. Lakshmi Sastry (Science and Technology Facilities Council, e-Science Centre) Dr. Jeremy Walton (The Numerical Algorithms Group Ltd, Oxford)
10:30-11:30	Grand challenges in visualisation in Science and Engineering	Discussion / Workshop - The purpose of this workshop is to discuss and identify the grand challenges associated with the area. The aim will be to draw out out where major effort is required to deliver either improved visualization tools, techniques, software or hardware. Also the discussion needs to address the necessary visualization training and support that vizNET could facilitate.	Prof. Roy Kalawsky (Loughborough University)
11:30-12:30	Grand challenges in visualisation in Arts and Humanities	Discussion / Workshop - The purpose of this workshop is to discuss and identify the grand challenges associated with the area. The aim will be to draw out out where major effort is required to deliver either improved visualization tools, techniques, software or hardware. Also the discussion needs to address the necessary visualization training and support that vizNET could facilitate.	Dr. Hugh Denard (King's College London)
12:30-13:30	Intersections in Arts / Humanities and Science / Engineering	Workshop - aims to establish an international medium for the exchange of new ideas and practical experience between researchers working in the field of visualization from	Dr. Meurig Beynon (University of Warwick)

**Day 3 - Friday 9th May**

Time	Topics	Summary	Presenter(s)
		scientific and engineering applications to the arts and humanities.	
13:30	<b>Lunch and Hotel checkout</b>		
	Event End		