

## From motion capture to ancient manuscripts: Using complex digital resources across disciplines



Friday 30 January 2009  
10:00am – 1:30pm

King's College London  
Room 2.4  
Franklin-Wilkins Building  
Stamford Street  
London, SE1 9NH

Researchers from all parts of the campus are long used to collecting, structuring and presenting their data in databases, spreadsheets, webpages, and using a range of widely available and generic tools. In recent years, however, advances in digitisation technologies have led to the creation of much more complex data objects.

For example:

- Motion capture technologies now enable the creation of 'motion sculptures' that capture dance movements
- Optical character recognition (OCR) enables the digitisation of ancient manuscripts, offering researchers the potential to study them collaboratively online
- OCR also enables the digitisation of large corpuses of text with potential for new discoveries through text mining

Research using digital objects such as these presents new challenges, but also new opportunities for multi-skilled, multi-disciplinary collaboration.

This workshop, part of the JISC e-Infrastructure Roadshow series, will highlight some of these opportunities and present some of the practical methods researchers can take for using and manipulating complex digital objects. Coordinated by the Arts and Humanities e-Science Support Centre, it will provide an interdisciplinary perspective illustrated by examples drawn mainly from the arts and humanities but also the biomedical sciences.

Speakers will include Dr David Fergusson, Deputy Director of Training, Outreach and Education at the National e-Science Centre, who will give an introduction to national infrastructures that support the use of complex digital objects and Dr Jens Jensen from the Rutherford Appleton Laboratory, who will talk about the use of the National Grid Service for the arts and humanities.

Buffet lunch will be provided

To register: [www.jisc.ac.uk/kingsroadshow](http://www.jisc.ac.uk/kingsroadshow)