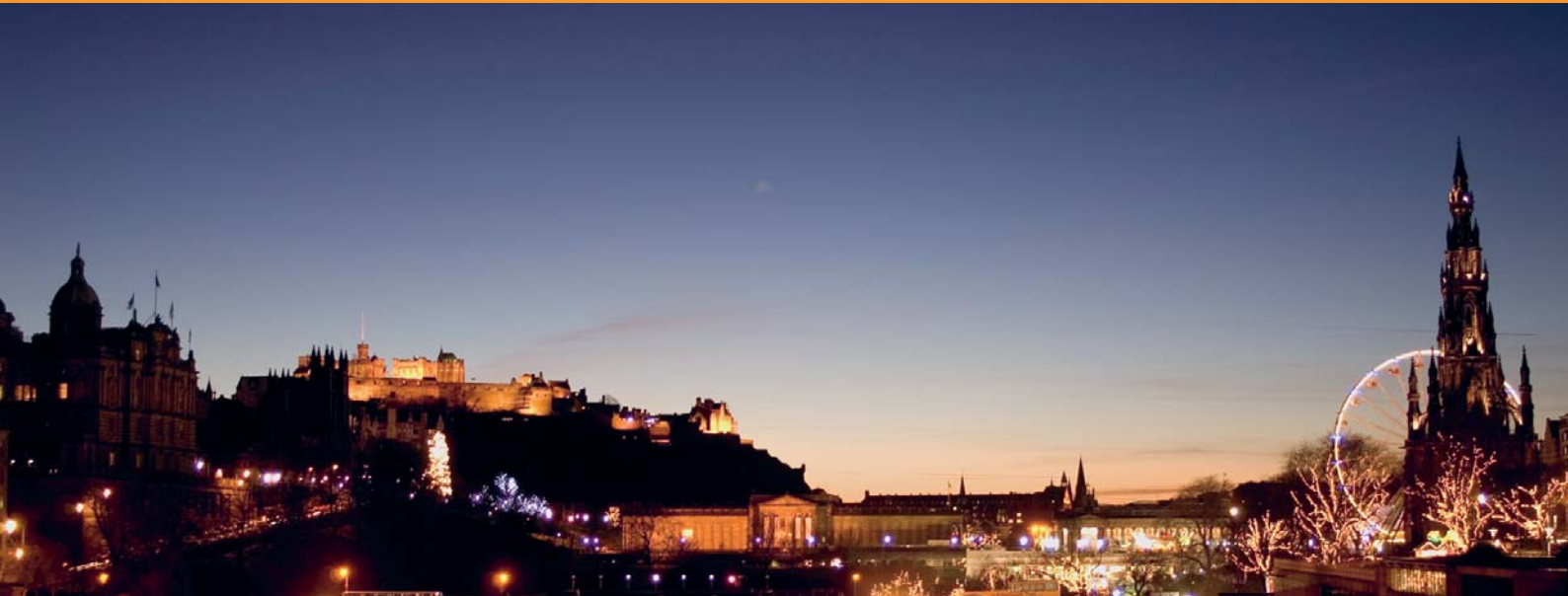




**Digital | Curation | Centre**



## **EVENTS**

**Digital Curation 101  
6-10 October 2008**

**4th International Digital Curation Conference  
Radical Sharing: Transforming Science?  
1-3 December 2008**

## **DCC SCARP PROJECT**

## **eSCIENCE LIAISON**





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# DCC Digital Curation IO1

6-10 October 2008

National e-Science Centre, Edinburgh



The majority of scientific research is carried out through short-term, funded projects. Accordingly, principal investigators and researchers must constantly be on the lookout for new funding opportunities to continue their research activity. This, coupled with often limited staffing resources, has meant that data management and curation activities have not generally been given a high priority within research projects. However, research councils and funding bodies are becoming increasingly aware of the value of sharing and reusing data and now require evidence of adequate and appropriate provisions for data management and curation in new funding applications.

To assist researchers in developing sound data management and curation plans, the Digital Curation Centre (DCC) has developed the Digital Curation IO1 course to provide an introduction to digital curation and the range of activities that should be considered when planning and implementing new projects.

## The course

Using the Digital Curation Lifecycle model as a reference point, this five day course will employ a mix of lectures and practical exercises to equip participants with both a theoretical underpinning of core digital curation issues as well as hands-on experience in applying the lessons learned.

## Target Audience

The target audience for this event comprises researchers with funding body data management and curation mandates to fulfil, and information management specialists. A key goal will be the integration of these communities of practice to share their experiences and to identify where, when and how they can best cooperate to meet data curation challenges.

## Costs

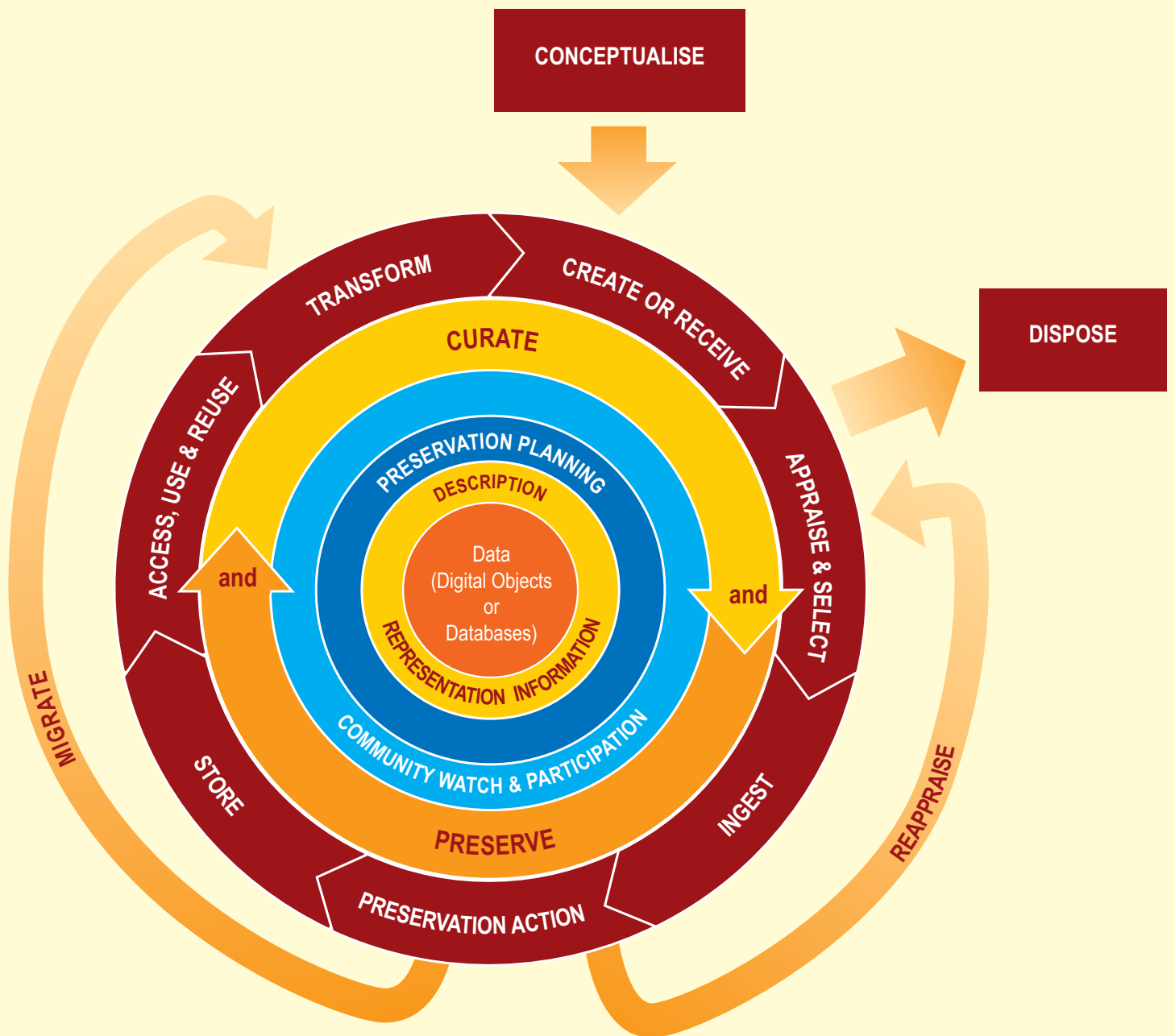
This is a pilot course and as such we are pleased to offer a limited number of free places for up to 30 participants from the following domains:

- bench scientists
- information specialists

To register, please go to  
[www.dcc.ac.uk/events/digital-curation-101-2008/](http://www.dcc.ac.uk/events/digital-curation-101-2008/)

JISC

# The DCC Curation Lifecycle Model



# 4th International Digital Curation Conference

## Radical Sharing: Transforming Science?



**Hilton Grosvenor Hotel, Edinburgh, UK  
1-3 December 2008**

The conference will be held in partnership with the National e-Science Centre and supported by the Coalition for Networked Information (CNI)

[www.dcc.ac.uk/events/dcc-2008](http://www.dcc.ac.uk/events/dcc-2008)



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# Conference Programme

## Monday 1 December

18.00-20.00 **Pre-Conference Drinks Reception**  
Dynamic Earth  
**Welcome Address**  
Prof. Jeff Haywood, Vice Principal for Knowledge Management and Chief Information Officer, University of Edinburgh

## Tuesday 2 December

### Day 1 Radical Sharing: Transforming Science?

07.30-09.00 **Conference Registration and Continental Breakfast**

09.00-09.15 **Welcome**  
Chris Rusbridge, DCC Director  
Prof. Peter Clarke, Director of NeSC

09.15-10.15 **Keynote Address**  
Prof. David Porteous, University of Edinburgh, Chair of Human Molecular Genetics & Medicine/Generation Scotland  
Chair: Chris Rusbridge, DCC Director

10.15-10.45 **Coffee**

**Radical Sharing: Transforming Science?**  
Chair: Dr. Robert S. Chen, CODATA Secretary General and Director of CIESIN at Columbia University

10.45-11.15 Dr. Richard Jorgensen, Collaborative Director, The iPlant Collaborative, Plant Sciences, University of Arizona

11.15-11.45 Alastair Knowles, Project Manager, CARMEN (Code Analysis, Repository and Modelling for e-Neuroscience)

11.45-12.15 *"Open Notebook Science: How radical sharing has the potential to transform science, why it isn't already, and how we can make it happen"*  
Dr. Cameron Neylon, Senior Scientist, Biomolecular Sciences, STFC Rutherford Appleton Laboratories

12.15-12.30 Discussion Panel

12.30-13.00 **Minute Madness: Poster Session**  
Chair: Chris Rusbridge, DCC Director

13.00-14.00 **Lunch**

**Sustainability of Curation**  
Chair: Donald J. Waters, Programme Officer for Scholarly Communications, Mellon Foundation

14.00-14.25 Dr. Bryan Lawrence, Head of the British Atmospheric Data Centre

14.25-14.45 *"Keeping Research Data Safe: the JISC research data preservation costs study"*  
Neil Beagrie, Director, Charles Beagrie Ltd.

14.45-15.05 *"Sustainable Digital Preservation and Access"*  
Brian Lavoie, Co-Chair, Blue Ribbon Task Force on Sustainable Digital Preservation & Access

15.05-15.30 Discussion Panel

15.30-16.00 **Afternoon Tea**

16.00-16.30 *"The Control Fallacy: How Radical Sharing Out-Innovates The Alternative"*  
John Wilbanks, Vice President, Science Commons  
Chair: Dr. Liz Lyon, DCC Associate Director

16.30-17.30 **Discussion on Privacy**  
Facilitated by John Wilbanks, Vice President, Science Commons  
Chair: Dr. Liz Lyon, DCC Associate Director

19.30 Conference Dinner (Edinburgh Castle)

## Wednesday 3 December

### Day 2 Research Papers

07.30-08.30 **Continental Breakfast**

08.30-08.40 **Welcome**  
Prof. Anne Trefethen, Director of the Oxford e-Research Centre & Conference Co-Chair

08.40-09.40 **Keynote Address**  
*"University Libraries in the UK Data Curation Landscape"*  
Martin Lewis, Director of Library Services & University Librarian, University of Sheffield  
Chair: Prof. Anne Trefethen, Director of the Oxford e-Research Centre & Conference Co-Chair

9.40-10.10 **Best Peer-Reviewed Paper**  
Introduction/Chair/Award: Cliff Lynch, Executive Director, CNI

10.10-10.30 **Coffee**

The following time-slots will be made up of peer-reviewed papers split into themed parallel sessions

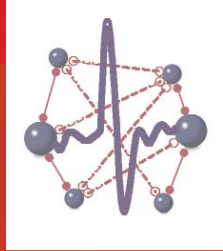
10.30-12.00 **Session 1**

12.00-13.00 **Session 2**

13.00-14.00 **Lunch**

14.00-15.30 **Session 3**

15.30-16.45 **Closing Address**  
Prof. Malcolm Atkinson, Director of the National e-Science Institute and e-Science Envoy  
Chair: Chris Rusbridge, DCC Director



# eScience Liaison

The Digital Curation Centre (DCC) aims to strengthen networks and collaborative partnerships across the eScience community, as a basis for developing knowledge and skills in digital curation. Since mid-2007 the DCC has dedicated an *eScience liaison* role to achieving that purpose.

Your DCC contacts for eScience liaison are Graham Pryor, email [graham.pryor@ed.ac.uk](mailto:graham.pryor@ed.ac.uk), and Martin Donnelly, email [martin.donnelly@ed.ac.uk](mailto:martin.donnelly@ed.ac.uk).

## What is eScience and who comprises the eScience community?

Whilst most researchers today use electronic data resources and IT-enabled processes almost routinely, this does not necessarily equate to the practise of eScience - nor indeed, to eResearch. Rather, the concept of eScience and the community it supports refers to the manner in which scientific (and other) research is conducted across a geographically distributed environment. It is a distinctly different kind of research environment, enabled by the interconnection of high-speed computers, collaborative programmes of research and the electronic sharing of data.

The defining essence of the term eScience, and what supplies its real difference, is an implied step-change, one in which the new IT-rich infrastructure will lead to faster and better research, including new areas of research that were previously unattainable. At a working level, eScience consists of the research undertakings that exploit this new environment, as well as the activities that support its enabling infrastructure. As a consequence, cross-disciplinary ventures that are typically encouraged by the eScience environment will invariably include not only practicing researchers but also members of the informatics, computing science and data science disciplines.

## The DCC liaison programme – a lifecycle approach

Liaison with the eScience community is already providing opportunities to understand a richly diverse research culture and its processes. This knowledge inevitably enhances the DCC's ability to provide practical and relevant advice for curating the considerable volume of data being generated, transmitted and stored. One predicted outcome from this new relationship is that the added value attributable to the practices of eScience can be further optimised. This will be found whenever appropriate attention is given to the full lifecycle of research data, from its point of generation through to its disposal, and including the selection and preservation of data for re-use at a later date.

Through regular visits and the hosting of six-monthly 'show-and-tell' fora, the DCC is also facilitating an exchange of experience and knowledge between national data centres and institutional digital repositories. A data centres synthesis study was completed in January 2008, which highlights areas of common interest, issues that are recurrent across the disciplines studied, and the technology and process solutions that have been implemented or are under development.

At a national level, engagement with the UK's eScience agenda is being pursued through a full programme of support activities, undertaken in association with selected eScience and other major data-generating projects. Two workshops are held each year in partnership with regional eScience Centres, in addition to which a set of cross-domain, in-depth case-studies is also being developed. The first of these, based on observations of the CARMEN neuroinformatics project (<http://www.carmen.org.uk>), is being completed during summer 2008.