DPE Digital Preservation Trainers

DigitalPreservationEurope, building on the earlier successful work of ERPANET, facilitates pooling of the complementary expertise that exists across the academic research, cultural, public administration and industry sectors in Europe. DigitalPreservationEurope (DPE) fosters collaboration and synergies between many existing national initiatives across the European Research Area. DPE addresses the need to improve coordination, cooperation and consistency in current activities to secure effective preservation of digital materials.

Core Partners: HATII at the University of Glasgow (Co-ordinator), Technische Universität Wien, Statsbiblioteket, Nationaal Archief van Nederland, Národní knihovna Ceske republiky, Ministero Per I Beni E Le Attività Culturali, Fondazione Rinascimento Digitale, Vilnius University Faculty of Communication, FernUniversität Hagen.

http://www.digitalpreservationeurope.eu

Name:	Prof Seamus Ross
Email:	s.ross@hatii.arts.gla.ac.uk
URL:	
Organisation:	HATII at the University of Glasgow
Type of Organisation:	Academic institution
Country:	Scotland, United Kingdom
Languages:	English
Areas of Expertise:	Digital preservation, digital curation, ICT and libraries/archives/museums, data and documents, repositories, risk and uncertainity in preservation, workflow, metadata, digital libraries, metadata/information extraction, approaches to preservation, education

Summary CV for Dr Seamus Ross

Education: BA 1979 Vassar College, MA 1981University of Pennsylvania, DPhil 1992 Oxford.

Research and Teaching Profile:
Humanities Computing, Digital Preservation, Digitisation, Digital Repositories, Emulation, Digital Archaeology, Semantic Extraction, System Analysis and Design, Cultural Heritage Informatics

Current Posts:
- Professor of Humanities Informatics and Digital Curation, University of Glasgow, 08/2004
- Director Humanities Computing and Information Management, Faculty of Arts, University of Glasgow, 01/1997 – present (http://www.hatii.arts.gla.ac.uk) (=Director Humanities Advanced Technology and Information Institute). Founding Director HATII.
- Co-Principal Investigator and Associate Director of the Digital Curation Centre, 03/2004 – present
- Task Leader the Digital Preservation Cluster of the DELOS NOE, 01/2004 – present. (http://www.dpc.delos.info)
- Principal Director, *DigitalPreservationEurope* (DPE), European Commission 04/2006 – present.
- Co-Principal Investigator on *PLANETS*, European Commission 06/2006 – 05/2010
- Co-Principal Investigator on *CASPAR*, European Commission 04/2006 – 12/2009

Previous Appointments (some concurrent):
- Principal Director, ERPANET, European Commission 01/2001 – 03/2006
- Co-Principal Investigator, DigiCULT Forum, 03/2002-01/2005 (http://www.digicult.info)
- Senior Lecturer, University of Glasgow, 01/1997-07/2004
- Visiting Researcher, Department of Information Studies, University of Tampere (Finland), 03/1999.
- Expert Advisor & Project Monitor ICT, The Heritage Lottery Fund, 02/1996 – present.
- Assistant Secretary (Information Technology), The British Academy (London), 01/1990 – 12/1996.
- Software A&E (Chichester, UK), (successive posts -- Software/Knowledge Engineer; Manager European Operations), 06/1986 – 12/1989.

Funded Research Ongoing:
- PI, DigitalPreservationEurope (DPE), 04/06-03/09, EU FP6, €1.5m, http://www.digitalpreservationeurope.eu
- Co-PI, CASPAR (Cultural, Artistic and Scientific Knowledge for Preservation, Access and Retrieval), EU FP6 (IST-2005-2.5.10), €8.8m, (GU €400k) http://www.casparpreserves.eu
- Co-PI, PLANETS (Preservation and Long-term Access to our Cultural and Scientific Heritage), EU FP6 (IST-2005-2.5.10), €8.6m, (GU €816k) http://www.planets-project.eu/
- PI, Performing Arts of the AHDS, 10/2005-08/2007, 150k, Preservation of Performing Arts digital resources.
- Co-PI, Digital Curation Centre, JISC and EPSRC, 01/03/04–01/04/08. £3.5m (GU £750k). Digital curation research and development (HATII focuses on semantic metadata extraction). (http://www.dcc.ac.uk).
- Co-PI, DELOS: Network of Excellence on Digital Libraries, EU FP6, (G038-507618), 01/01/04-31/12/08. €6m (GU 300k €). Research into digital libraries from architectures to preservation: HATII focus on repository design.

Funded Research Completed:
- Co-PI, DigiCULT, EU FP5, (IST-2001-34898), 01/03/02–31/08/04, €900k (GU 260k €). Research into transferring technologies for take up in heritage sector, portal development, and *Digicult.info*.
- PI & Lead Partner, ERPANET: Electronic Resource Preservation and Access Network, EU FP5 (IST-2001-32706), 01/11/01-31/10/04, €1.2m (GU 400k €), Research and education in digital preservation. Digital Preservation. http://www.erpanet.org).
- *InterPARES*, Authenticity Task Force and Co-Chair of the European Group, 1998 – 2002, (Primary Deliverable: Contributor to report of the Authenticity Task Force: http://www.interpares.org).
- Best Practice in Digitisation: National Initiative for Networking the Cultural Heritage, 2000-01, £58k, (Primary Deliverable: S Ross, et al 2002, see publications).

- Image Digitisation Management Models: Joint Information Systems Committee, 2000, £10k, (Primary Deliverable: Research Report, S Ross, *JISC Evaluation: Image Digitisation Management Models*, http://www.hatii.arts.gla.ac.uk/research/jidi_assessment/jidi_final_report.pdf).
- Investigation of ICT in the Heritage Sector: Heritage Lottery Fund Research Project, 1997-8, £23.5k, (Deliverable: S Ross, et al 1998 *Funding Information and Communications Technology in the Heritage Sector, Policy Recommendations* (see http://www.arts.gla.ac.uk/HATII/HLFICT).
- Digital Archaeology: British Library Research and Innovation Centre, 1997, RIC/G/108, £10.5k, (Primary Deliverable: Research Report Ross & Gow 1999, see list of publications).
- Electronic Information in Archaeology, British Library Research and Development Grant, 1994, RDD/C/167, £4.5k, (Primary Deliverable: Experts Meeting 1994).
- Electronic Information Resources and Historians, British Library Research and Development Grant, 1993, RDD/C/160, £4k, (Primary Deliverables: Conference June 1993 and Ross & Higgs 1993, see publications).

Course Development and Module Teaching (postgraduate and undergraduate):
-University of Glasgow
- Responsible for the academic content of all modules in humanities computing at the University of Glasgow.
- Led the design and development of the Glasgow MA in Arts and Media Informatics, launched 10/2003.
- Co-ordinator Arts Strand on the Glasgow MSc in Information Technology, 2000- present.
- Oversight of the development of the Glasgow MPhil in Information Management and Preservation, 2001.
- Postgraduate Teaching:
    Management, Creation, and Preservation of Digital Materials (2004-5, 2005-6).
    Multimedia Systems, MSc(IT) Module, Computing Science, co-taught, (annually 2002-5).
    Heritage and Cultural Computing, MSc(IT) Module, Computing Science (annually 1999-2004).
- Honours Teaching:
    Investigating Cyberspace: Anthropology of Cultures and Communities on the Net, (annually 2000-5).
    Introduction to Multimedia Analysis and Presentation, (1997, 1998, 1999, 2000).
    Introduction to Digitisation for Research and Preservation (Honours Module), (1998).

-University of Tampere (Finland), *Electronic Records and Digital Preservation*, (1999).
-University of Oxford, Computer Teaching Centre (CTC), *An Introduction to Knowledge-Based Systems*
(TT 1989, HT 1990, HT 1992) *& Introduction to Systems Analysis* (TT 1990).

Journal Advisory and Editorial Boards:
- ACM Journal on *Computers and Cultural Heritage (JOCCH),* 2006 – present.
- *International Journal on Digital Libraries* (ISSN: 1432-5012), 2001 – present.
- Advisory Committee of *Internet Archaeology* (ISSN 1363-5387), 1995 – present.
- Founding Editor *DigiCULT.Info* (ISSN 1609-3941), 2002 – present.

External Examining:
- MA Digital Art History, Birkbeck College 10/01 – 12/05; Humanities Computing, Exeter, 10/97 – 09/01

Doctoral Supervision:
- Azman Mat Isa, *Digital Preservation Education Strategies,* (3rd year).
- Madelaine Sclater, *Collaborative Networking and Learning*, (writing up).
- Kate Robinson, *A Search for the Source of the Whirlpool of Artifice* (completed, degree awarded 2003).

Expert Reviewing (examples):
- EU 6th Framework Evaluator (2005) and Reviewer 2004, 2005, 2006
- EU 5th Framework Evaluator (2000-2002) and Reviewer 2001, 2002, 2003, 2004, 2005.
- Heritage Lottery Fund 1996-2005 (reviewed more than 200 applications) and monitor 25 projects
- Reviewer and Assessor for the Belgian Government, Information Society Programme in 2001, 2003,

2004, 2005

◆ At invitation of Swiss Government contributed to review of the Swiss Information Society Strategy, 10/01-03/02.

European Commission:

◆ 2001 contributed to the drafting of the *Lund Principles on Digitisation*
◆ Resolution of 25 June 2002 (2002/C 162/02) 2002 contributed Spanish Presidency Resolution on Preserving Tomorrow's Memory, Council

Summer Schools and workshops:

◆ Responsible for the development of the DELOS Summer School on Preservation in Digital Libraries (2005 Sophia Antipolis, 2006 San Miniato, and Cortona)
◆ Responsible for delivering 19 seminars and workshops under ERPANET during 2002, 2003, and 2004, see http://www.erpanet.org
◆ Led the design, development, delivery, and renewal of *Digitisation for Cultural Heritage Professionals* which has been offered at Glasgow since 1998, and in other countries (e.g. USA, Greece) since 1999. Over 400 graduates.

Papers:

◆ Delivered 63 papers between 2000 and mid-2006 including delivered keynote addresses at Schweizerisches Bundesarchiv (2004), at Austrian, Greek and Dutch EU Presidency Conferences (Salzburg 2006, Den Haag 2004 and Corfu 2003), Spanish Computing Conference, (Granada 2005), IEEE Mass Storage Systems & Technology Committee (MSSTC) (Sardinia 2005), the Society of American Archivist annual conference (2004), Salon international des techniques muséographiques (Paris) (2004), IPSI Fraunhofer(Darmstadt) (2004), the National Library of New Zealand (2003), and the CODATA Conference (Montréal) (2002).

National and International Committees (partial list):

◆ Member, British Academy Policy Study Review: Research and Information E-Resources, 04/04 – 04/05.
◆ Member, Scientific Board of the DELOS Network of Excellence, 04/03 – present.
◆ Chair, JISC Images Working Group 04/03 – present (Member since 01/01).
◆ Co-Chair (with M Hedstrom) EU/NSF Workgroup on Digital Preservation and Archiving, 12/01-10/03.
◆ Member, Steering *Internet Archaeology*, 04/95 – present.
◆ Member, *DLM-Monitoring Committee of the European Commission*, 04/97-05/02.
◆ Member, Digital Resources in the Humanities (DRH) Standing Committee 01/97-present.
◆ Member, Content Working Group of the JCEI of the Joint Information Systems Committee, 01/96-12/01.

Selected articles and monographs published in the last five years.

- L Candela, D Castelli, Y Ioannidis, G Koutrika, P Pagano, S Ross, H-J Schek, H Schuldt, 2006, *The Digital Library Manifesto*, DELOS Network of Excellence in Digital Libraries, (ISBN 2-912335-24-8)
- Y Kim and S Ross, Genre Classification in Automated Ingest and Appraisal Metadata, J. Gonzalo et al. (eds.): *ECDL 2006*, LNCS 4172, 63–74, 2006.
- S Ross and A McHugh, 2006, 'The Role of Evidence in Establishing Trust in Repositories', D-Lib Magazine, July/August, v.12, n7/8 http://www.dlib.org/dlib/july06/ross/07ross.html
- S Ross and A McHugh, 2005, 'Audit and Certification: Creating a Mandate for the Digital Curation Centre', *Diginews*, 9.5, ISSN 1093-5371, http://www.rlg.org/en/page.php?Page_ID=20793#article1
- S Ross and M Hedstrom, 2005, **'**Preservation Research and Sustainable Digital Libraries', *International Journal of Digital Libraries*, Vol 5.4, 317-325. Digital Object Identifier (DOI) 10.1007/s00799-004-0099-3, ISSN 14325012.   http://eprints.erpanet.org/archive/00000095/
- C Rusbridge, P Burnhill, S Ross, P Buneman, D Giaretta, L Lyon, M Atkinson, 2005, 'The Digital Curation Centre: A Vision for Digital Curation', In *Proceedings IEEE's Mass Storage and Systems Technology Committee Conference on From Local to Global: Data Interoperability--Challenges and Technologies*, an online version is at: http://eprints.erpanet.org/archive/00000082/01/DCC_Vision.pdf
- S Ross, M Donnelly, M Dobreva, D Abbott, A McHugh and A Rusbridge, 2005, *Core Technologies for the Cultural and Scientific Heritage Sector*, DigiCULT Technology Watch Report 3, European Commission, ISBN 92-894-5277-3, 296 pages.
- S Ross, M Greenan, P Mckinney, 2004, 'Strategie per la conservazione digitale: Descrizione e risultati dei primi studi di casi di ERPANET', *Archivi e Computer*, XIV/3, 99-122. (ISSN 11212462).
- S Ross, 2004, 'The Role of ERPANET in Supporting Digital Curation and Preservation in Europe', *DLIB* (July/August) vol 10.7/8, http://www.dlib.org/dlib/july04/ross/07ross.html, ISSN 1082-9873.
- S Ross, 2004, 'Reflections on the Impact of the Lund Principles on European Approaches to Digitisation' in *Strategies for a European Area of Digital Cultural Resources: Towards a Continuum of Digital Heritage*, (Den Haag), 88-98.
- S Ross, M Greenan, and P McKinney, 2004, 'Digital Preservation Strategies: The Initial Outcomes of the ERPANET Case Studies' in the *Preservation of Electronic Records: New Knowledge and Decision-making,* (Ottawa: Canadian Conservation Institute), 99-114.
- J Esanu, J Davidson, S Ross, and W Anderson, 2004, 'Selection, Appraisal, and Retention of Digital Scientific Data: Highlights of an ERPANET/CODATA Workshop', *Data Science Journal,* 3, 30 December 2004 URL http://journals.eecs.qub.ac.uk/codata/journal/Contents/3_04/3_04pdfs/DS390.pdf
- S. Ross, 2004. 'ERPANET, A European Platform for Enabling Digital Preservation,' *Vine: The Journal of Information and Knowledge Management*, 34.2 (issue 135), 77-83.
- S Ross, M Donnelly, & M Dobreva, 2004, *New Technologies for the Cultural and Scientific Heritage Sector, DigiCULT Technology Watch Report 2*, European Commission, ISBN 92-894-5276-5. 214 pages.
- S Ross and M Hedstrom 2003, *Invest to Save: Report and Recommendations of the NSF-DELOS Working Group on Digital Archiving and* Preservation, (http://delos-noe.iei.pi.cnr.it/activities/internationalforum/Joint-WGs/digitalarchiving/Digitalarchiving.pdf
- S Ross 2003, *Digital Library Development Review*, National Library of New Zealand, (Wellington), ISBN: 0-477-02797-0. http://www.natlib.govt.nz/files/ross_report.pdf , 88 pages.
- S Ross, 2003, 'Position Paper: Towards a Semantic Web for Heritage Resources', *Towards a Semantic Web for Heritage Resources*, Thematic Issue 3, 7-11. ISBN 3-902448-00-8.
- S Ross, M Donnelly, & M Dobreva, 2003, *New Technologies for the Cultural and Scientific Heritage Sector, DigiCULT Technology Watch Report 1*, European Commission, ISBN 92-894-5275-7, 194 pages.
- S Ross 2002, 'Cyberculture, cultural asset management and ethnohistory', A*rchivi & C*omputer, XII.1, 43-60.
- S Ross, I Anderson, C Duffy, M Economou, A Gow, P McKinney, R Sharp and The NINCH Working Group on Best Practices, 2002, *Guide to Good Practice in the Digital Representation and Management of Cultural Heritage Materials* (Washington DC, NINCH) http://www.ninch.org/guide.pdf, 242 pages.
- S Ross 2000, *Changing Trains at Wigan: Digital Preservation and the Future of Scholarship*, NPO/British Library, Occasional Publication, ISBN 0 7123 4717 8, www.bl.uk/services/npo/occpaper.pdf
- S Ross and A Gow 1999, *Digital archaeology? Rescuing neglected or damaged digital collections*, (London & Bristol: British Library and JISC). http://www.ukoln.ac.uk/services/elib/papers/supporting/pdf/p2.pdf

Edited Books (included because they demonstrate collaborative activity) [more than seven years]:

- F M Bischoff, H Hofman, and S Ross (eds), 2004, *Metadata in Preservation*, Veröffentlichungen der Archivschule Marburg, Institut für Archivwissenschaft no 40, ISBN 3-923833-77-6, 259 pages.
- J Huggett & S Ross (eds) 2004, Archaeological Informatics: Beyond Technology, Themed issue of *Internet Archaeology*, issue 15, http://intarch.ac.uk/journal/issue15/index.html (Special issue).