

Developing Open Access with Institutional Repositories in the UK

Conferência sobre o Acesso Livre ao Conhecimento Universidade do Minho, Braga, Portugal 12th and 13th May 2005

http://tardis.eprints.org

http://eprints.soton.ac.uk

http://software.eprints.org

Dr Jessie Hey

Southampton University Library and School of Electronics and Computer Science
University of Southampton

JISC



From National Oceanography Centre, Southampton, UK





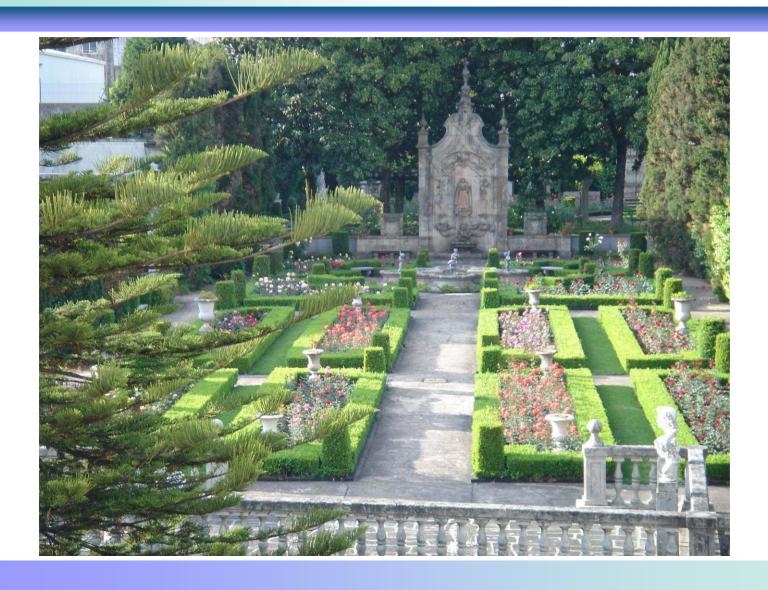
Questing after Open Access





To the heart of Braga





In an ideal world of scholarly communication – all research is freely available



 June 27th 2004 10th anniversary of Stevan Harnad's 'Subversive Proposal' leading to the open access vision for scholarly material



- See also Harnad, S. and Hey, J. M. N. (1995) Esoteric Knowledge: the Scholar and Scholarly Publishing on the Net. In *Proceedings of Networking and the Future of Libraries 2: Managing the Intellectual Record, Proceedings of an International Conference, Bath, 19-21 April 1995*, 110-16. Dempsey, L., Law, D. and Mowlat, I., Eds.
- And journals become more and more expensive

Even the work of researchers in our own institution is still often unavailable to us but we're making progress

Some Southampton influences



 Original EPrints software created at Southampton to enable the vision - now used by over 160 institutions worldwide – also spawned other software choices



- Some Soton departments have culture of deposit (but not all OAI compliant and searchable together)
- Electronics and Computer Science use the software for school publications database – now a repository with daily deposits (will be incorporated in e-Prints Soton)

An Institutional Research Repository for Southampton



Institutional Repository for Research set up (e-Prints Soton)
 http://eprints.soton.ac.uk
 with TARDis project to investigate issues for new concept (within JISC funded FAIR programme)

Southampton University Research e-Prints - working closely with individual 'schools' – found that depends so much on publication culture and working practices

- TARDis project: Feeding back into EPrints software good citation and information management practice experimenting with best balance of assisted deposit
- has capacity for adding full text (e-Prints) if available
 - Electronic copies of any research output e.g. journal articles, book chapters, conference papers even multimedia
- TARDis: Targeting Academic Research for Deposit and Disclosure
- FAIR: Focus on Access to Institutional Resources

Reporting on University practices and needs



Hey, Jessie M.N. (2004) An environmental assessment of research publication activity and related factors impacting the development of an Institutional e-Print Repository at the University of Southampton. Southampton, UK, University of Southampton, 19pp. (TARDis Project Report, D 3.1.2)

http://eprints.soton.ac.uk/archive/00006218/

See also TARDis article in Ariadne

http://eprints.soton.ac.uk/8986/

Share the glory (interdisciplinary papers) and sell your book too





Home | About | Browse | Search

Register | User Area | Help

Combinatorial chemistry and the Grid

Frey, J. G., Bradley, M., Essex, J.W., Hursthouse, M.B., Lewis, S.M., Luck, M.M., Moreau, L., De Roure, D.C., Surridge, M. and Welsh, A.H. (2003) Combinatorial chemistry and the Grid. In, Berman, Fran, Hey, Anthony J.G. and Fox, Geoffrey C. (eds.) *Grid computing: making the global infrastructure a reality.* Chichester, UK, John Wiley & Sons Ltd., 945-962. (Wiley Series in Communications Networking and Distributed Systems). http://eprints.soton.ac.uk/325/

Full text available as:

PDF - Requires Adobe Reader or other PDF viewer.

Microsoft Word - Registered users only - requires Microsoft Word or a .doc file viewer

Abstract

Chemistry has always made extensive use of the developing computing technology and available computing power though activities such as modelling, simulation and chemical structure interpretational - activities conveniently summarised as computational chemistry. Developing procedures in chemical synthesis and characterisation, particularly in the arena of parallel and combinatorial methodology, have generated ever increasing demands on both Computational Chemistry and Computer Technology. Significantly, the way in which networked services are being conceived to assist collaborative research pushes the use of data acquisition, remote interaction & control, computation, and visualisation, well becomed the traditional computational chemistry programmers towards the basic issue of headling

Faculty of Engineering, Science and Mathematics > School of Mathematics Faculty of Engineering, Science and Mathematics > School of Electronics and Contro Faculty of Engineering, Science and Mathematics > School of Chemistry ISBN ID Code Deposited By. Frey, Jeremy G. Deposited On: 13 February 2004 References in Article 1. Chemical Markup Language, P. Murray-Rust World Wide Web Journal, 1997, pp. Leymann, F. and D. Roller. "Worldlow-based Applications", IBM Systems Journal, 36 (1997) 1, pp. 102-123. M. Wooldridge and N.R. Jennings: Intelligent Agents: Theory and Practice, The Knowledge Engineering Review, 10 (2), pp. 115-152, 1995.
4. N. R. Jennings (2001) "An agent-based approach for building complex software systems" Comms. of the ACM, 44 (4) 35-41.

5. David De Roure, Nicholas Jennings, Nigel Shadbolt, Research Agenda for the Semantic Grid. A Future e-Science Infrastructure" Technical report UKeS-2002-02, UK National e-Science Centre, Nov 6 Buckingham Shum, S., De Roure, D., Eisenstadt, M., Shadbolt, N. and Tate, A. (2002) CoAKTinG. Collaborative Advanced Knowledge Technologies in the Grid. Proceedings of the Second Workshop on Advanced Collaborative Environments, Eleventh IEEE Int. Symposium on High Performance Distributed Computing (HPDC-11), July 24-26, 2002, Edinburgh, Scotland Tristan Richardson, Quentin Stafford-Fraser, Kenneth R. Wood & Andy Hopper, "Virtual Network Computing". IEEE Internet Computing, Vol 2 No. 1, Jan Feb 1998 pp.33-38. P. Maes, Agents that Reduce Work and Information Overload, Communications of the ACM, 37, No.



e-Prints Soton evolution

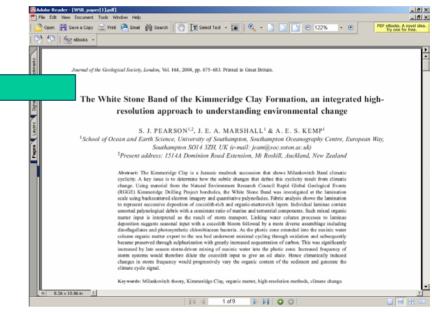


- Original intent to provide secure storage for the full text of Southampton research output (e-Print Archive including post refereed pre published versions of papers deposited by researchers)
- Feedback: maximum benefit if the exercise also assisted researchers with time consuming research reporting tasks: Research Assessment (RAE), University Research Report, web pages, research proposals, CVs etc
- Evolved to 'hybrid' publications database for all research output with full text where available

Add your metadata and full text if available and allowed: appropriate for Humanities too

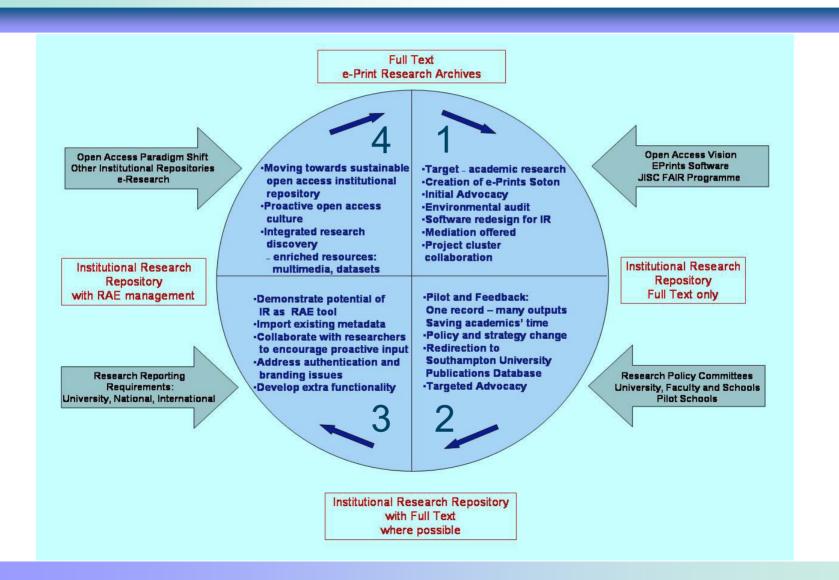






e-Prints Soton evolution: aiming for full moon at midnight





Achieving a slower but more sustainable model – the TARDis road



- To achieve the original vision we are moving around the clock face
- Collaborating with academics to provide tailored valued services for different disciplines (needing extra functionality)
- Aided by a fast moving shared international movement

All rising to great place is by a winding stair
Francis Bacon

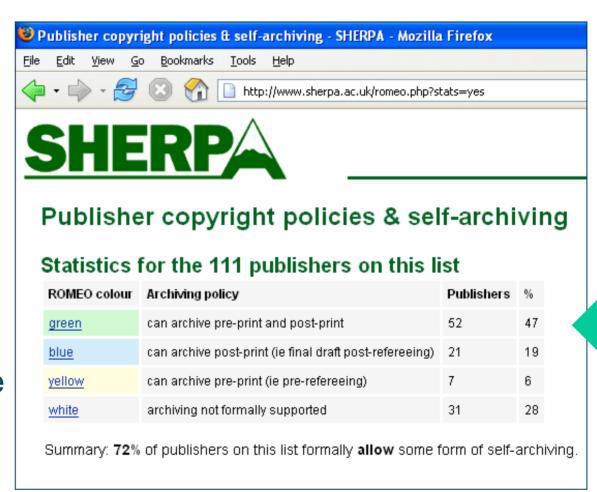
External climate e.g. Copyright issues changing fast



Common e-Print deposit:

Postprint = postrefereed prejournal version

We provide link to published version for joined up picture



Transition to University integrated service – shared ownership



Southampton University

Research e-Prints

Southampton University management (agreed Nov 2004) to support the next stage of a library managed repository for key role in research recording and visibility tasks

Collaboration with both Information Systems Services and School of Electronics and Computer Science will continue although TARDis is completing its transition to invisibility.

Southampton Press Release 15 Dec 2004



'We see our Institutional Repository as a key tool for the stewardship of the University's digital research assets,' said Professor Paul Curran, Deputy Vice-Chancellor of the University. 'It will provide greater access to our research, as well as offering a valuable mechanism for reporting and recording it.



House of Commons Science and Technology committee



- Inquiry into scientific publishing
- Written evidence Feb 2004 (127 submissions)
- Oral evidence March-May 2004
- Report 20th July 2004
- Government response Nov 2004

Report....



- 82 recommendations
- Improving current practice
- Author-pays publishing model
- And Institutional Repositories
 - UK HEIs to set up IRs
 - Response up to institutions
 - British Library to be supported to provide digital preservation



RCUK position statement

http://www.rcuk.ac.uk/whatsnew.asp

19 April 2005

RCUK Consultation on access to and dissemination of the outputs of research

RCUK has agreed a position statement on access to and dissemination of the outputs of research funded by the Research Councils.

This information was circulated to Vice-Chancellors in March, to give them an opportunity to comment before the document is finalised. RCUK expect to formally release the statement in its definitive form in mid-May 2005.

RCUK....



- But deadline for replies from Vice Chancellors was 11th May
- Generated lots of responses generally favourable
- Expect to make some detailed changes and issue before end of month

Key points in draft



Reflects the view of 8 research councils

Key points in **draft**:

 Deposit publications for research council funded work in OA repository where one exists, at earliest opportunity and taking notice of copyright

Engage with stakeholders to develop effective

copyright arrangements

 Will allow applicants to include predicted cost of author-pays journals in project costings

Currently 20+ UK IRs starting but set to increase



SHERPA network plus....

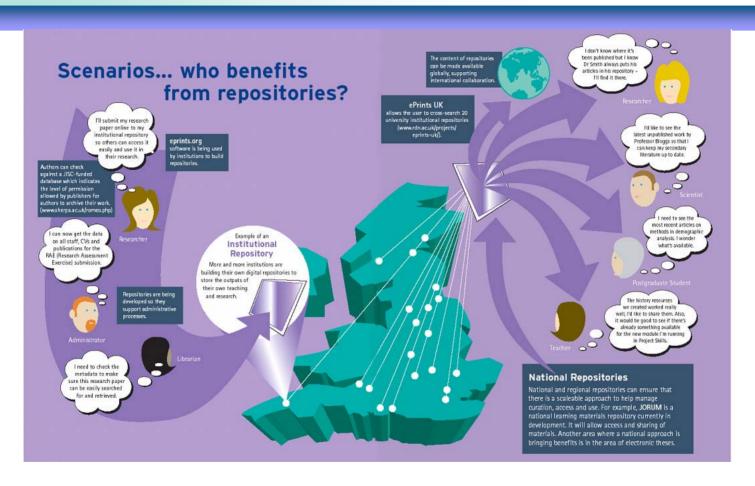
Guardian March 14, 2005:

Scottish universities sign open access deal

The declaration commits each of its 16 university signatories to setting up online libraries of research findings and doctorate papers which all academics can access

The UK vision: a national and international development of IRs





The JISC vision reflecting the individual repositories (JISC Inform no. 8)

ePrints UK



- Harvesting
- Providing simple national search services

Added value services

Developing complexity



 Research council IRs eg CCLRC (Physics etc)

National Oceanography Centre, Southampton

- Will contribute to Southampton Research Repository
- UK NERC repositories
- Global Marine Science repositories

A new UK advocacy campaign



 JISC Briefing paper on Open Access April 2005

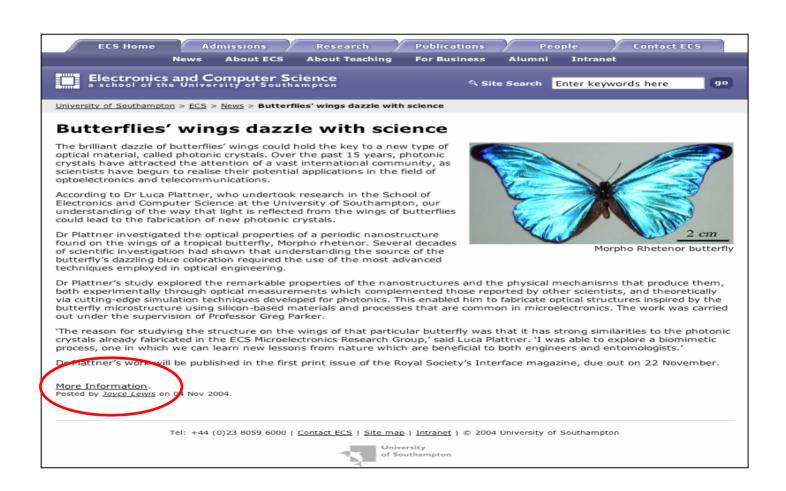
www.jisc.ac.uk/publications JISC

To start next week under SHERPA banner:

- Framework: leaflets, guidelines etc to chief librarians to distribute
- Guidance for good advocacy campaigns eg template for organising events
- List of topics and speakers

What can you do once you have the Institutional Repository? e.g. News release on new research





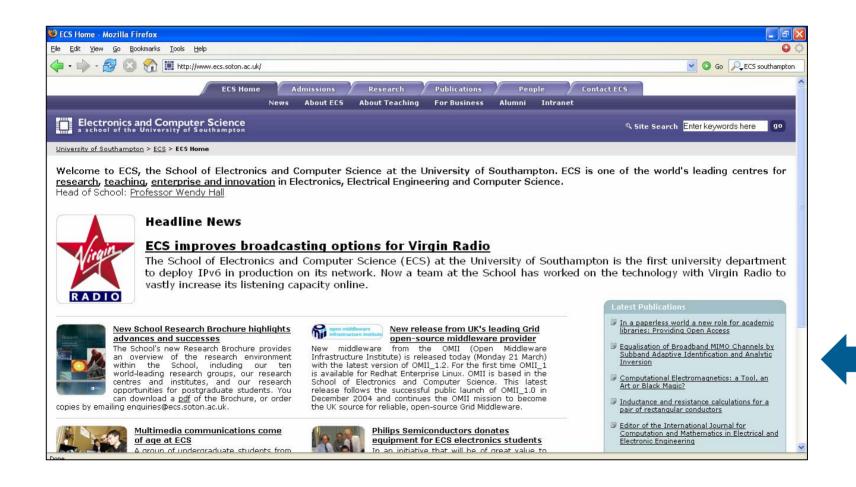
e-Print promoted via the link: his other work gets read too!





Adding more functionality with 'Latest feeds' – by web site and screen at entrance





Screen in foyer – is my paper there?





Hot off the screen





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Thank you,

Jessie Hey (jmnh@ecs.soton.ac.uk)

TARDis Project leading to Southampton University Research Repository http://eprints.soton.ac.uk

Now building services for the repository and working on the next stage of development of repositories generally with

PRESERV (PReservation Eprints SERVices) Project

Lessons learnt from FAIR programme:

FAIR synthesis on JISC web site

Best wishes for your own individual and national projects!