



e-Prints Soton

Southampton University Research e-Prints

TARDis: from project to embedded Institutional Repository

Association of Librarians and Information Professionals in the Social Sciences (ALISS)
British Library Conference Centre
26 Jul 2005

<http://tardis.eprints.org>

<http://eprints.soton.ac.uk>

Pauline Simpson

National Oceanography Centre, Southampton,
University of Southampton
Waterfront Campus



JISC

University of Southampton: a large multidisciplinary research led institution



NOC is one of the world's leading centres for research and education in marine and earth sciences, for the development of marine technology and for the provision of large scale infrastructure and support for the marine research community

Joint Venture between Natural Environment Research Council and the



University of Southampton
Research-led multidisciplinary
university:
20,000 students
5000 staff (3000 researchers)

The evolutionary story of the Southampton 'keystroke policy': the essence of embedding

- Open Access movement
- Institutional Repositories for Research
- Meeting in the middle
- Building an Institutional Repository based on institution/author needs
- The TARDis route map
- Result: an embedded service for all disciplines

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

From embarkation to escalation.....

27 June - 11th anniversary of Stevan Harnad's 'Subversive Proposal' leading to the open access vision for scholarly material

- **Harnad, S.** (1995) A Subversive Proposal. In: Ann Okerson & James O'Donnell (Eds.) *Scholarly Journals at the Crossroads: a Subversive Proposal for Electronic Publishing*. Washington, DC., Association of Research Libraries, June 1995.
<http://www.ecs.soton.ac.uk/~harnad/subvert.html>
<http://www.arl.org/scomm/subversive/toc.html>



The vocabulary has moved on but journals still becoming more and more expensive

Even the work of researchers in our own institution is still often unavailable to usand we also get emails from across the world when we haven't yet got the full text.... but we're making real progress

TARDis built on Southampton visions



- Harnad vision
- EPrints software had been created at School of Electronics and Computer Science (ECS), Southampton to enable the self archive vision. Now used by over 160 organisations around the world and spawned other IR software
- ECS use the software for the school publications database – now a repository with daily deposits (will be incorporated into e-Prints Soton)
- National Oceanography Centre was an early adopter of e-Prints culture
- Resulting TARDis Project is the collaboration of The University Library, School of Electronics and Computer Science, and Information Systems Services alongside academics as one institution

HEFCE / JISC Focus on Access to Institutional Resources (FAIR) 2002 – 2005

- To support the disclosure of **institutional** assets:
To support access to and sharing of institutional content within Higher Education and Further Education and to allow intelligence to be gathered about the technical, organisational and cultural challenges of these processes...
- £3 million on 14 projects
- Clusters:
 - Museums and Images
 - e-Prints & e-theses
 - IPR
 - Institutional portals

(New Call for Digital Repositories Proposals in Feb & Jun 2005)

Investigating practical ways in which university research output can be made more freely available - more accessible, more rapidly – as a fundamental building block of e-Research

- **Creating an IR model**

- Southampton University Research e-Prints (**e-Prints Soton**)

<http://eprints.soton.ac.uk>

- **Refining Software**

- feeding back into pioneering EPrints software, good citation and information management practice experimenting with best balance of assisted deposit and fast track (functionality, fields, interface)

- **Supporting ease of use for depositors of different backgrounds with a wide variety of research output**

- essential ingredient, working closely with ‘schools’(found that depends so much on publication culture and working practices)
- identifying barriers
- Investigating issues for a new concept

Working with disciplines and cultures for full representation

- Began with initial knowledge of some areas of a large organisation
- Advocacy/solutions most effective when you know the background and tailor to suit
- Key ingredient - exploration of web sites and discussions

Sampling of faculty websites – assessing current practice, 2003

Department	Total number of publications listed on Web	Full text on Web	Percentage of Publications with full text
Faculty of Law, Arts and Social Sciences			
Archaeology	252	2	1%
English	243	3	1%
Modern Languages	160	0	0%
Music	280	5	2%
Politics	138	6	4%
Economics	357	89	25%
Maths Education	170	34	20%
Faculty of Medicine, Health and Life Sciences			
Biology	796	24	3%
Medicine	1603	247	15%
Health Professions and Rehabilitation Sciences	332	0	0%
Nursing and Midwifery	439	0	0%
Faculty of Engineering, Science and Mathematics			
Chemistry	1128	111	10%
Electronics and Computer Science	7008	866	12%
Mathematical Studies	849	310	37%
Ocean Circulation and Climate Group, SOES	286	9	3%
James Rennell Division, SOC	792	68	9%

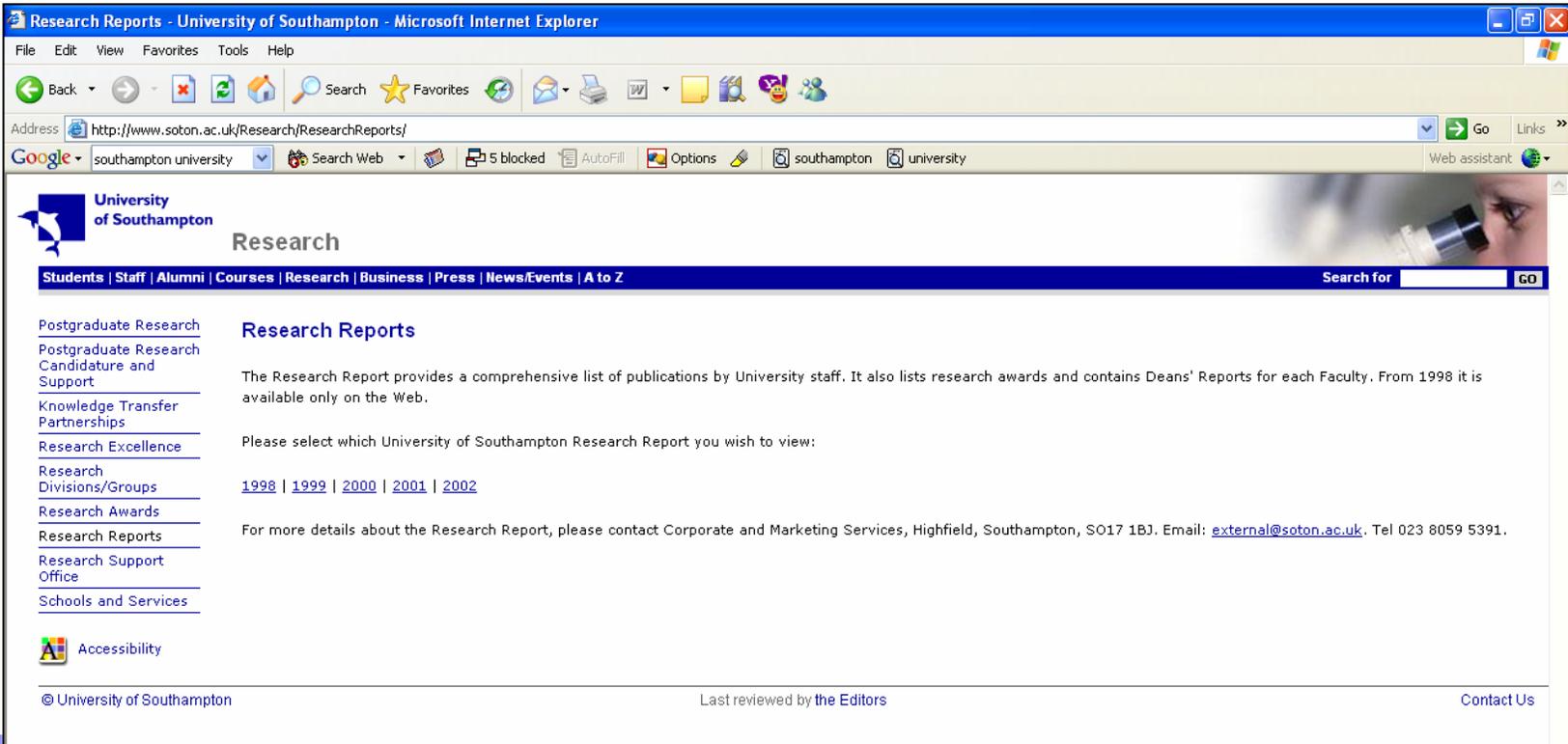


University central recording of research

Central recording mechanism via Corporate and Marketing Service – MS Word lists
“the Research Report provides a comprehensive list of publications by University staff “

Progressed to pdfs - 1998 to 2002 on the web

Need an easier, more proactive way with full text potential



The screenshot shows a Microsoft Internet Explorer browser window displaying the University of Southampton Research Reports page. The address bar shows the URL <http://www.soton.ac.uk/Research/ResearchReports/>. The page features the University of Southampton logo and a navigation menu with links for Students, Staff, Alumni, Courses, Research, Business, Press, News/Events, and A to Z. A search bar is located in the top right corner. The main content area is titled "Research Reports" and includes a description: "The Research Report provides a comprehensive list of publications by University staff. It also lists research awards and contains Deans' Reports for each Faculty. From 1998 it is available only on the Web." Below this, there is a prompt to select a year to view, with links for 1998, 1999, 2000, 2001, and 2002. A contact information section at the bottom provides details for Corporate and Marketing Services, including an email address (external@soton.ac.uk) and a telephone number (023 8059 5391). The footer contains copyright information for the University of Southampton, a last reviewed date by the Editors, and a contact us link.

Our perception of the benefits to University, Schools and Researchers

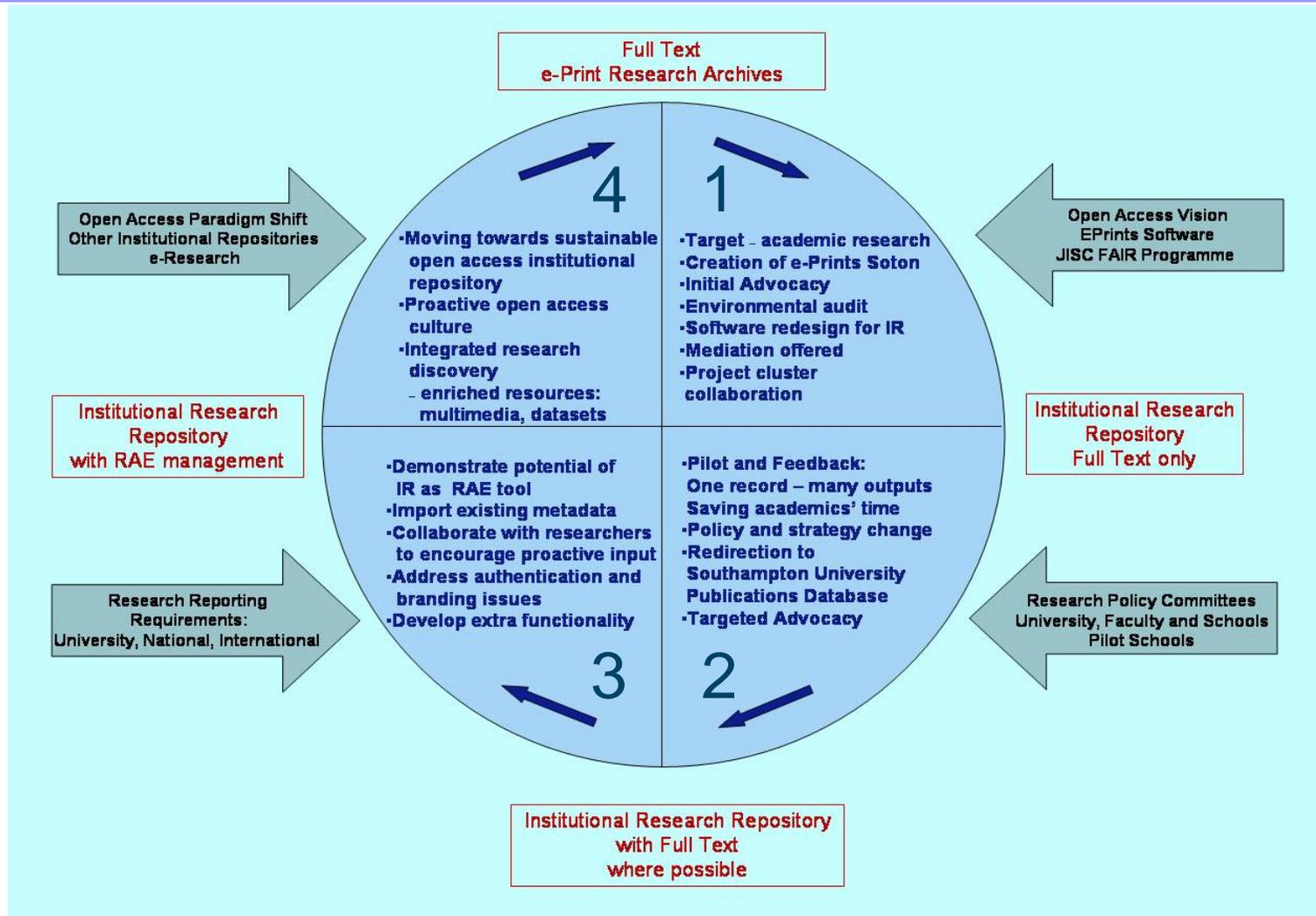


- University profile
- School and discipline visibility
- Researcher profile
- Full text content freely accessible
 - link to learning and teaching
- Increased citations
- Secure storage of publications
 - including also theses and dissertations, technical reports
- Links to projects and web pages
- Research reporting
- Interdisciplinary research

Articles freely available online are more highly cited. For greater impact and faster scientific progress, authors and publishers should aim to make research easy to access Nature, Volume 411, Number 6837, p. 521, 2001 Steve Lawrence
"Online or Invisible?"

- 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

e-Prints Soton evolution: aiming for full moon at midnight - the TARDIS research repository route map



Achieving a slower but more sustainable model – the TARDis route to embedding

- To achieve the original vision we are moving around the clock face
 - Will be central to research recording and visibility for all disciplines
 - Working to integrate as well as possible into the research recording workflow
 - Initial support included for legacy import depending on availability of previous records
 - Collaborating with academics to provide tailored valued services for different disciplines (needing extra functionality)
- **Goal:** author (or close academic group) self deposit (plus some assisted central support where needed) for new records with full text deposit where practicable
- Aided by a fast moving shared international movement

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

Open access & IRs – Then (2002) and **Now (2005)**

- Open Access little known
 - High level support
 - Open access publishing
 - Open access repositories
- Authors non acceptance
 - surveys
- Copyright transfer
 - License to Publish
- Publishers
 - Changing policies
 - New publishing models
- Software, few options
 - Multiple, open source
- Funders no support
 - Mandate deposit

External climate e.g. Copyright issues changing fast

Common e-Print deposit:

Postprint =
Post refereed pre-
journal version

We provide link to
published version
for joined up picture



Publisher copyright policies & self-archiving - SHERPA - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.sherpa.ac.uk/romeo.php?stats=yes

SHERPA

Publisher copyright policies & self-archiving

Statistics for the 111 publishers on this list

ROMEEO colour	Archiving policy	Publishers	%
green	can archive pre-print and post-print	52	47
blue	can archive post-print (ie final draft post-refereeing)	21	19
yellow	can archive pre-print (ie pre-refereeing)	7	6
white	archiving not formally supported	31	28

Summary: **72%** of publishers on this list formally **allow** some form of self-archiving.



As of today....



Publisher copyright policies & self-archiving

Statistics for the 116 publishers on this list

ROMEIO colour	Archiving policy	Publishers	%
green	can archive pre-print and post-print	58	50
blue	can archive post-print (ie final draft post-refereeing)	20	17
yellow	can archive pre-print (ie pre-refereeing)	5	4
white	archiving not formally supported	33	28

Summary: **72%** of publishers on this list formally **allow** some form of self-archiving.

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External climate - Open Access gaining high level/funder support



US Congress working with National Institutes of Health (NIH) to develop new access policy (Feb 2005)

- Copies of all papers reporting research funded by NIH (\$28 billion) will be deposited in PubMed Central by date specified by the author as soon as possible after acceptance of final peer reviewed manuscript (and within 12 months of the publisher's official date of final publication)

Approximately 60,000 papers each year will be made freely available

<http://grants1.nih.gov/grants/guide/notice-files/NOT-OD-04-064.html>

External climate - Open Access gaining high level/funder support

- The Wellcome Trust announced (May 2005) that from 1st October 2005, all papers from new research projects must be deposited in PubMed Central or a UK PubMed Central – once it has been formed - within 6 months of publication.
- Looking for partners to set up UK PubMed Central
- £400 million producing 3500 papers per year
- (PubMed Central Feb 2000 -)



Reflects the view of 8 research councils (28 Jun 2005)

Mandate

- Research Grants awarded from 1 October 2005 will require grant holders to copy any resultant published journal articles or conference proceedings in an appropriate e-print repository either institutional or thematic
- Subject to copyright and licensing arrangements
- Wherever possible at or around the time of publication
- No obligation to set up a repository where none exists at present
- Will allow applicants to include predicted cost of publication in author-pays journals in fEC project costings

Next steps

RCUK Position Statement published on the RCUK website on 28 June 2005

Remains a consultative document until 31 August 2005 while:

- The remaining HEI responses are collected
- Formal comments from the British Library are awaited
- RCUK engages in detailed dialogue with the Learned Societies on a possible future role for them in the peer review process
- Continue in a wider grouping to address other concerns eg Preservation

**External climate: currently 20+ UK IRs
starting but set to increase**

Guardian 14 March 2005:

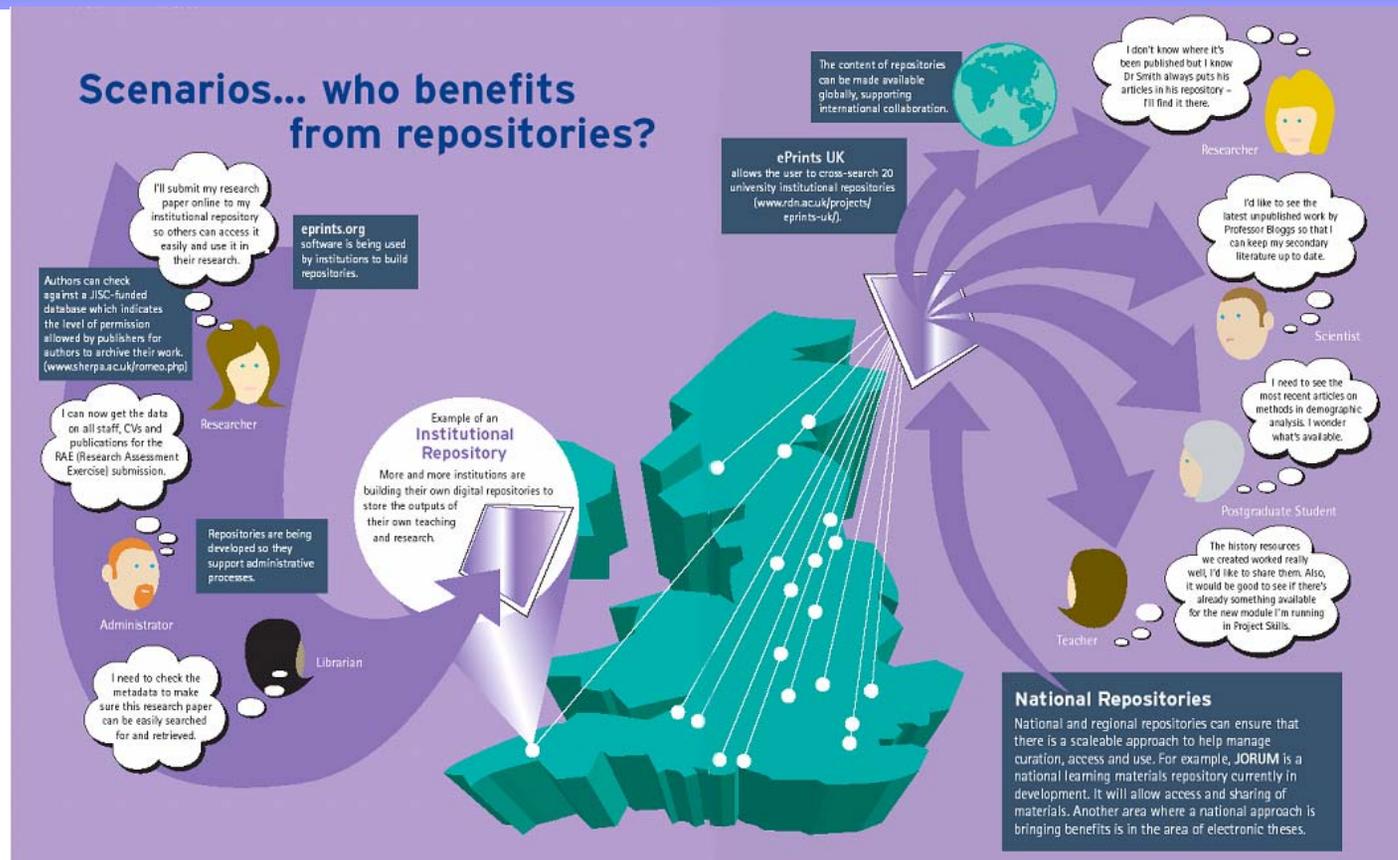
Scottish universities sign open access deal

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

External climate - Declarations on Open Access

- Peter Suber - Timeline of the Open Access Movement - <http://www.earlham.edu/~peters/fos/timeline.htm>
- **The IFLA Statement on Open Access to Scholarly Literature and Research Documentation**
<http://www.ifla.org/V/cdoc/open-access04.html>
- **Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities (Max Planck) (Oct 2003)** Now nearly 50 signatories
- Bethesda Statement on Open Access Publishing (Jun 2003)
- Buenos Aires
- British Columbia
- Russell Group (UK Universities) 2005
- **Budapest Open Access Initiative Feb 2002 (Soros Open Society)**

A national and international development of IRs



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

TARDIS Transition to University integrated service

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 between services and academic groups has been the key element in the success of the project'

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.’



RAE management potential functionality – demo but planned enhancement



New JISC Project to design RAE module for use within EPrints and DSpace software (Southampton and Edinburgh)

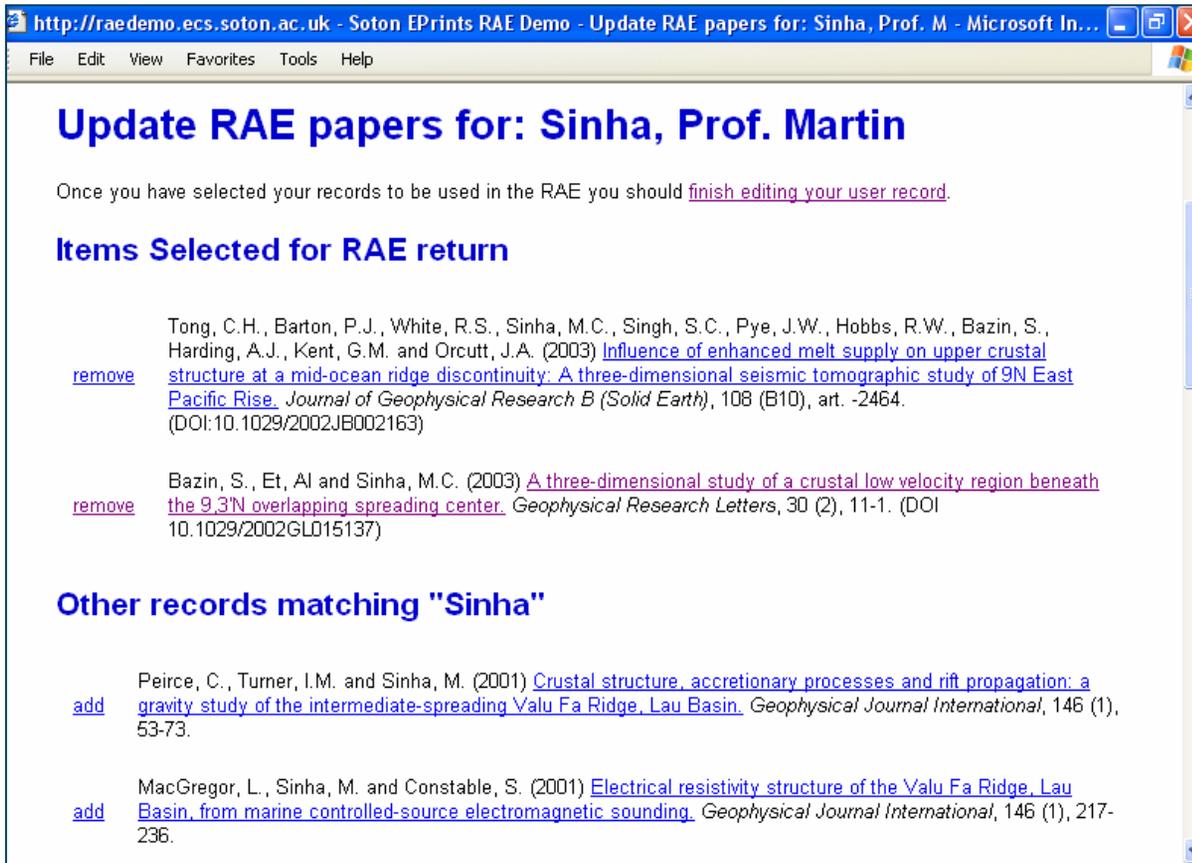
Institutional Repositories and Research Assessment

<http://irra.eprints.org/about.html>

A screenshot of a web browser window titled "Soton EPrints RAE Demo - Record for Sinha, Prof. Martin - Microsoft Internet Explorer". The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The page content features the "e-Prints Soton" logo and "University of Southampton e-Prints Service" text. Navigation links include "Home", "About", "Browse", "Search", "Register", "User Area", and "Help". A prominent yellow box contains a "PLEASE NOTE" message: "PLEASE NOTE, this server is only a test installation to demonstrate and test RAE tools in eprints. The real University of Southampton ePrints archive is at <http://eprints.soton.ac.uk/>". Below this, the page title is "Record for Sinha, Prof. Martin". A note states: "Please note, there have been some interface changes to this (very new) tool. The interface is not exactly as described in Pro easier and clearer now." The page lists "EPrint Records for RAE" and "Other information for RAE".

Simpson, Pauline and Hey, Jessie (2005) Forward in time: TARDIS and the RAE. *JISC Inform*, No. 8, p.16.
<http://eprints.soton.ac.uk/14522/>

Select your Research Assessment Exercise choices



http://raedemo.ecs.soton.ac.uk - Soton EPrints RAE Demo - Update RAE papers for: Sinha, Prof. M - Microsoft In...
File Edit View Favorites Tools Help

Update RAE papers for: Sinha, Prof. Martin

Once you have selected your records to be used in the RAE you should [finish editing your user record](#).

Items Selected for RAE return

[remove](#) Tong, C.H., Barton, P.J., White, R.S., Sinha, M.C., Singh, S.C., Pye, J.W., Hobbs, R.W., Bazin, S., Harding, A.J., Kent, G.M. and Orcutt, J.A. (2003) [Influence of enhanced melt supply on upper crustal structure at a mid-ocean ridge discontinuity: A three-dimensional seismic tomographic study of 9N East Pacific Rise](#). *Journal of Geophysical Research B (Solid Earth)*, 108 (B10), art. -2464. (DOI:10.1029/2002JB002163)

[remove](#) Bazin, S., Et, AI and Sinha, M.C. (2003) [A three-dimensional study of a crustal low velocity region beneath the 9,3'N overlapping spreading center](#). *Geophysical Research Letters*, 30 (2), 11-1. (DOI 10.1029/2002GL015137)

Other records matching "Sinha"

[add](#) Peirce, C., Turner, I.M. and Sinha, M. (2001) [Crustal structure, accretionary processes and rift propagation: a gravity study of the intermediate-spreading Valu Fa Ridge, Lau Basin](#). *Geophysical Journal International*, 146 (1), 53-73.

[add](#) MacGregor, L., Sinha, M. and Constable, S. (2001) [Electrical resistivity structure of the Valu Fa Ridge, Lau Basin, from marine controlled-source electromagnetic sounding](#). *Geophysical Journal International*, 146 (1), 217-236.

Add measures of esteem



The screenshot shows a web browser window with the following content:

- Address bar: <http://raedemo.ecs.soton.ac.uk> - Soton EPrints RAE Demo - Record for Sinha, Prof. Martin - Microsoft Internet E...
- Menu bar: File Edit View Favorites Tools Help
- Section 1: **Involvements in conferences/workshops (Program Committees, Chairing, e...**
- Section 2: **Responsibilities in professional associations (IEE, BCS, etc)**
- Section 3: **Responsibilities in grant awarding bodies (EPSRC, EU, etc)**
- Section 4: **External examination responsibilities**

Not only but also

**One good record
for many uses**

Showing benefit of high profile

Global Web Search Engines -

indexed by Google and Google Scholar and SCOPUS ...



Southampton University
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Google Search: characteristics rossby - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.google.com/search?sourceid=navclient&ie=UTF-8&q=characteristics+rossby Go characteristics ross

Google [Advanced Search](#)
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Web [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

Results **1 - 10** of about **9,310** for **characteristics rossby**. (0.49 seconds)

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Characteristics of mid-latitude **Rossby** wave propagation from multiple satellite datasets. Challenor, PG, Cipollini, P., Cromwell, D ...
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... **Characteristics** of mid-latitude **Rossby** wave propagation from multiple satellite datasets International Journal of Remote Sensing -8/April 10-20, 2004, vol. ...
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... For this purpose, and keeping in mind the zonal (east to west) propagation **characteristics** of **Rossby** waves, we produced longitude-time (Hovmuller) plots for ...
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File Format: PDF/Adobe Acrobat - [View as HTML](#)
... 2 with the **Rossby** wave **characteristics** described below. ... The **Rossby** wave **characteristics** in a purely wind-driven gyre is shown in Fig. ...
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[Nonlinear dynamics of Rossby waves](#)
... **Rossby** wave breaking in upper troposphere. The **characteristics** of the poleward advection of upper tropospheric air have been investigated using meteorological

Add a link to your web page – auto update

SOC: Graham Quartly - Microsoft Internet Explorer

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Address <http://www.soc.soton.ac.uk/JRD/SAT/pers/gdq.html>

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Graham Quartly

Contact Information

Dr G.D. Quartly
Room 254/39
James Rennell Division for Ocean Circulation
[Southampton Oceanography Centre](#)
Empress Dock
Southampton
Hants SO14 3ZH
United Kingdom

Phone: +44-23-80-596412
Fax: +44-23-80-596400
Email: gdq@soc.soton.ac.uk

Research Interests

- Rain detection and measurement via [underwater acoustics](#)
- [Rain's effect on altimetry](#) and the estimation of rain from spaceborne instruments
- [Rossby wave propagation](#) observed in sea surface height and temperature
- Early work on the [Agulhas Current](#) (as revealed by altimetry, SST and models)
- Observations of the [Agulhas Current System](#) (using new passive microwave ocean colour data)
- Sigma0 stability of altimeters
- Sea state bias
- [SST from passive microwave sensors](#)

[My papers in the EPRINTS archive \(submitted versions only\)](#)

e-Prints Soton - Results for Advanced Search - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://eprints.soton.ac.uk/perl/search/advanced?refereed=EITHER&_fulltext=&_fulltext__merge=ALL&title=&title__merge=ALL& Go

Authors/Creators/Editors matches all of "quartly". Results ordered by year (most recent first).
Displaying results 1 to 26 of 26. Search time: 1s.
[Index last built at: Wed Oct 13 13:07:52 BST 2004]

Challenor, P.G., Cipollini, P., Cromwell, D., Hill, K.L., Quartly, G.D. and Robinson, I.S. (2004) [Characteristics of mid-latitude Rossby wave propagation from multiple satellite datasets](#). *International Journal of Remote Sensing*, 25 (7-8), 1297-1302. (DOI: 10.1080/01431160310001592201)

Quartly, G.D. (2004) [Sea state and rain: A second take on dual-frequency altimetry](#). *Marine Geodesy*, 27 (1-2), 133-152. (DOI: 10.1080/01490410490465472)

Quartly, G.D. and Srokosz, M.A. (2004) [Eddies in the southern Mozambique Channel](#). *Deep Sea Research II*, 51 (1-3), 69-83. (doi:10.1016/j.dsr2.2003.03.001)

Srokosz, M.A., Quartly, G.D. and Buck, J.J.H. (2004) [A possible plankton wave in the Indian Ocean](#). *Geophysical Research Letters*, 31, L18307. (doi:10.1029/2003GL019000)

Advanced Search - Mozilla Firefox

File Edit View Favorites Tools Help



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Authors/Creators/Editors matches all of "quartly". Results ordered by year (most recent first).
Displaying results 1 to 30 of 30. Search time: 0s.
[Index last built at: Mon Apr 4 18:13:56 BST 2005]

Quartly, G.D., Buck, J.J.H. and Srokosz, M.A. (2005) [Eddy variability east of Madagascar](#). *Philosophical Transactions of the Royal Society of London A*, 363 (1826), 77-79. (doi: 10.1098/rsta.2004.1479)

Challenor, P., Gommenginger, C., Quartly, G., Gomez-Enri, J., Srokosz, M., Berry, P., Mathers, L., Bennett, J., Cotton, D., Carter, D., LeDuc, I., Rogers, C. and Benveniste, J. (2004) [RAIES: Envisat RA2 individual echoes and S-band data for new scientific applications for ocean, coastal, land and ice remote sensing](#). In, *2004 Envisat and ERS Symposium, Salzburg, Austria, 6-10 September 2004: programme and abstract book*. Paris, France, European Space Agency, Abs 642.

Challenor, P.G., Cipollini, P., Cromwell, D., Hill, K.L., Quartly, G.D. and Robinson, I.S. (2004) [Characteristics of mid-latitude Rossby wave propagation from multiple satellite datasets](#). *International Journal of Remote Sensing*, 25 (7-8), 1297-1302. (DOI: 10.1080/01431160310001592201)

Gomez-Enri, J., Gommenginger, C., Challenor, P., Srokosz, M. and Quartly, G. (2004) [Retrieval of geophysical parameters from RA2 Envisat waveforms using a non-linear MLE retracker](#). In, *2004 Envisat and ERS Symposium, Salzburg, Austria, 6-10 September 2004: programme and abstract book*. Paris, France, European Space Agency, Abs 281.

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ISBN: [0470353190](#)

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Deposited By: [Frey, Jeremy G.](#)

Deposited On: 13 February 2004

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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:
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[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 beyond the traditional computational chemistry programmes towards the basic issue of handling

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Secure storage and visibility – branding for a research group (view)

A screenshot of a Microsoft Internet Explorer browser window displaying the Southampton Statistical Sciences Research Institute website. The browser title is "Southampton Statistical Sciences Research Institute - Microsoft Internet Explorer". The website header includes the S³RI logo and the text "Southampton Statistical Sciences Research Institute University of Southampton". A navigation menu lists: About Us, Research, Resources, Events, Publications, Projects, People, Employment, Links, Contact Us. A left sidebar contains a vertical menu with: About Us, Facilities, Computing, History, Research, Analysis Methods, Biostatistics, Policy, Survey Methods, Resources, Events, Courses, Seminars, Workshops, Publications, Projects, People, Staff, Visitors, Employment, Links, Contact Us. The main content area is titled "Methodology working papers" with a sub-link "Methodology | Applications and Policy". Below this is the text "Methodology working papers - ePrints demonstration page" and "All working papers are available only in Adobe Acrobat format and are listed in reverse chronological order." A paragraph explains that papers require Adobe Acrobat version 5.0 and provides a link to "the latest free Acrobat Reader". Navigation links include "Viewing papers 1 to 10 of 10" and "First page | Previous page | Next page | Last page". Two paper entries are visible: "M03/11 - State-Space Modeling with Correlated Measurements with Application to Small Area Estimation Under Benchmark Constraints; Danny Pfeffermann, Richard Tiller" and "M03/09 - A Simple Variance Estimator for Unequal Probability Sampling Without Replacement; Yves G. Berger". The Windows taskbar at the bottom shows the Start button and several open applications: Eudora, Internet Explorer, Windows Explorer, Adobe Acrobat, Summ..., Microsoft..., and another Adobe Acrobat instance. The system clock shows 18:32.

Adding more functionality with 'Latest feeds' – by web site



ECS Home - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://www.ecs.soton.ac.uk/

ECS Home Admissions Research Publications People Contact ECS

News About ECS About Teaching For Business Alumni Intranet

Electronics and Computer Science
a school of the University of Southampton

Site Search Enter keywords here go

University of Southampton > ECS > ECS Home

Welcome to ECS, the School of Electronics and Computer Science at the University of Southampton. ECS is one of the world's leading centres for research, teaching, enterprise and innovation in Electronics, Electrical Engineering and Computer Science.
Head of School: [Professor Wendy Hall](#)

Headline News

ECS improves broadcasting options for Virgin Radio



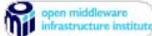
The School of Electronics and Computer Science (ECS) at the University of Southampton is the first university department to deploy IPv6 in production on its network. Now a team at the School has worked on the technology with Virgin Radio to vastly increase its listening capacity online.

New School Research Brochure highlights advances and successes



The School's new Research Brochure provides an overview of the research environment within the School, including our ten world-leading research groups, our research centres and institutes, and our research opportunities for postgraduate students. You can download a [pdf](#) of the Brochure, or order copies by emailing enquiries@ecs.soton.ac.uk.

New release from UK's leading Grid open-source middleware provider



New middleware from the OMII (Open Middleware Infrastructure Institute) is released today (Monday 21 March) with the latest version of OMII_1.2. For the first time OMII_1 is available for Redhat Enterprise Linux. OMII is based in the School of Electronics and Computer Science. This latest release follows the successful public launch of OMII_1.0 in December 2004 and continues the OMII mission to become the UK source for reliable, open-source Grid Middleware.

Multimedia communications come of age at ECS



A group of undergraduate students from

Philips Semiconductors donates equipment for ECS electronics students



In an initiative that will be of great value to

Latest Publications

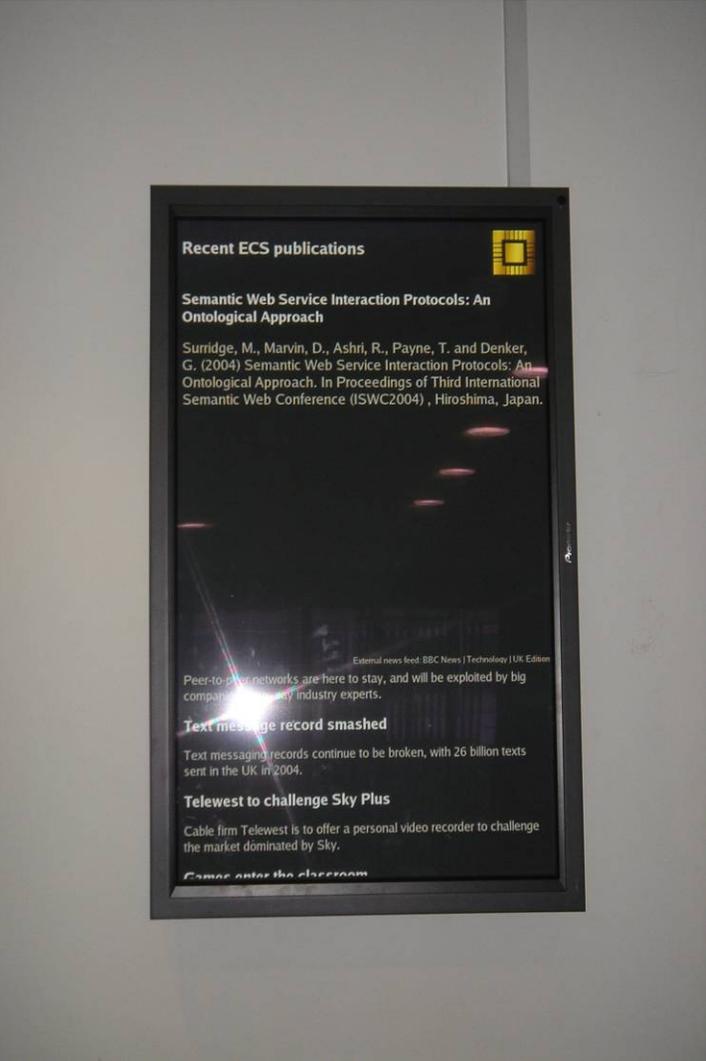
- [In a paperless world a new role for academic libraries: Providing Open Access](#)
- [Equalisation of Broadband MIMO Channels by Subband Adaptive Identification and Analytic Inversion](#)
- [Computational Electromagnetics: a Tool, an Art or Black Magic?](#)
- [Inductance and resistance calculations for a pair of rectangular conductors](#)
- [Editor of the International Journal for Computation and Mathematics in Electrical and Electronic Engineering](#)



Screen in foyer – is my paper there?



Hot off the screen!



Next phase includes building on TARDis (sequel)

- TARDis completed its transition to invisibility early in 2005



–**PRESERV** (Preservation Services for EPrints) - partnering with National Archives File Format Registry (PRONOM) and the British Library

–**CLADDIER** (Citation, Location and Deposition in Discipline and Institutional Repositories) Linking e-Research. – partnering CCLRC, Reading, NERC

–**GRADE** (Geospatial Repositories ...) – partnering EDINA

Back to the Future !!

Farewell to the TARDis: embedding the institutional repository project in the institution

- **Collaboration was the key**
- **Collaboration will be the key to future plans for large scale deposit / edit / retrieve / preserve**

Project Team

Pauline Simpson, Project Manager

Jessie Hey, Research Fellow

Natasha Lucas, Admin Support

Chris Gutteridge (EPrints developer) / Tim Brody (IR developer)

Farewell to the  **TARDis**