

# Scholar-based Innovations in Publishing



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Ames IA

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<http://www.public.iastate.edu/~gerrymck/ScholarBased.ppt>



# ALCTS

## Scholarly Communication Discussion Group

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American Library Association  
Annual Meeting, Toronto

**June 23, 2003**

9:30 AM – 11:00 AM

Metro Toronto Convention Center



# THANK YOU!

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- Taemin K. Park, Ph.D. (Indiana University Libraries, Bloomington)
- Michelle Sitko (Marywood University Library)
- Anne McKee (Greater Western Alliance)
- Carolyn K. Coates (Eastern Connecticut University Library)
- Ann S. Doyle (University of Kentucky Libraries)



# DISCLAIMER

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# DISCLAIMER

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The views and opinions expressed in this presentation are those of the presenter and do not constitute an endorsement by Iowa State University or its Library.

# <QUOTE#1>

“Life is what happens to you while you're busy making other plans.”

Attributable to  
John Lennon



© [Richard Avedon](#)



## <QUOTE#2>

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“You say you want a revolution  
Well, you know  
We all want to change the world  
You tell me that it's evolution  
Well, you know  
We all want to change the world.”



## <QUOTE#3>

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"You say you've got a real solution  
Well, you know  
We'd all love to see the plan  
You ask me for a contribution  
Well, you know  
We are doing what we can."

# <QUOTE#4>

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“You say you'll change the constitution  
Well, you know  
We all want to change your head  
You tell me it's the institution  
Well, you know  
You'd better free your mind instead.”

John Lennon (1940-1980)

“Revolution #1”

*Hey Jude/ Revolution* (August 1968)



# Scholarly Publishing

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- Revolution
- Evolution
- Solution
- Contribution
- Constitution
- Institution
- **EXCITATION**

# THE BEACH BOYS

## GOOD EXCITATIONS





# "APPROPRIATE EXCITATION"

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"I believe that the collective behavior and information exchange pattern of any community depend on their culture, their shared values and their past and current practices. These things are very difficult to change, but given the *appropriate excitation* (emphasis added) they can change very fast."


Imre Simon

Re: Discipline Differences in Benefits/Feasibility of Open Access?", Posting to *September 1998 American Scientist Forum* electronic discussion list, November 24, 2002, 17:20, available at: <http://www.ecs.soton.ac.uk/~harnad/Hypermail/Amsci/2399.html> (accessed 7 June 2003).

# EXCITATIONS

<b>ArXiv.org</b>	<b>CogPrints</b>	<b>RePEc</b>
<b>eScholarship Repository</b>	<b>Glasgow ePrints Service</b>	<b>Knowledge Bank (OSU)</b>
<b>DSpace™</b>	<b>E-Print Repository (ANU)</b>	<b>Scholarly Publishing Office (Michigan)</b>
<b>ELSSS</b>	<b>SPARC</b>	<b>The Stoa Consortium</b>
<b>BioMed Central</b>	<b>GNU EPrints Software</b>	<b>Public Library of Science</b>
<b>DARE</b>	<b>FAIR</b>	<b>SciELO</b>

# EXCITATION #1



arXiv.org e-Print archive - Microsoft Internet Explorer

File Edit View Favorites Tools Help

 **arXiv.org e-Print archive**

Automated e-print archives:  Search Form Interface Catchup Help

13 Dec 2001: Cumulative "What's New" pages. [Note main site relocation.](#)  
**Robots Beware:** [indiscriminate automated downloads from this site are not permitted.](#)

## Physics

- [Astrophysics](#) ([astro-ph new](#), [recent](#), [abs](#), [find](#))
- [Condensed Matter](#) ([cond-mat new](#), [recent](#), [abs](#), [find](#))  
includes: [Disordered Systems and Neural Networks](#); [Materials Science](#); [Mesoscopic Systems and Quantum Hall Effect](#); [Soft Condensed Matter](#); [Statistical Mechanics](#); [Strongly Correlated Electrons](#); [Superconductivity](#)
- [General Relativity and Quantum Cosmology](#) ([gr-qc new](#), [recent](#), [abs](#), [find](#))
- [High Energy Physics - Experiment](#) ([hep-ex new](#), [recent](#), [abs](#), [find](#))
- [High Energy Physics - Lattice](#) ([hep-lat new](#), [recent](#), [abs](#), [find](#))
- [High Energy Physics - Phenomenology](#) ([hep-ph new](#), [recent](#), [abs](#), [find](#))
- [High Energy Physics - Theory](#) ([hep-th new](#), [recent](#), [abs](#), [find](#))
- [Mathematical Physics](#) ([math-ph new](#), [recent](#), [abs](#), [find](#))
- [Nuclear Experiment](#) ([nucl-ex new](#), [recent](#), [abs](#), [find](#))
- [Nuclear Theory](#) ([nucl-th new](#), [recent](#), [abs](#), [find](#))
- [Physics](#) ([physics new](#), [recent](#), [abs](#), [find](#))  
includes (see [detailed description](#)): [Accelerator Physics](#); [Atmospheric and Oceanic Physics](#); [Atomic Physics](#); [Atomic and Molecular Clusters](#); [Biological Physics](#); [Chemical Physics](#); [Classical Physics](#); [Computational Physics](#); [Data Analysis, Statistics and Probability](#); [Fluid Dynamics](#); [General Physics](#); [Geophysics](#); [History of Physics](#);

Done Internet

<http://xxx.arXiv.cornell.edu>



# arXiv.org: e-Print Archive (1)

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- Established in August 1991 by Paul Ginsparg, Los Alamos National Laboratory (now at Cornell)
- Originally for High-Energy Physics community; now Physics, Mathematics, Non-linear Sciences, Computer Science
- Automated the process by which authors could submit electronic preprints (or postprints)
- Allowed researchers and others to directly search and retrieve the full-text of documents

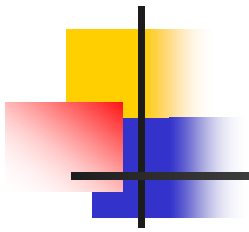


# arXiv.org: e-Print Archive (2)

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- 220,000 submissions (December 31, 2002);
- 3 million accesses / month
- *arXiv.org* e-print service has also served as  
'... a model of rapid, direct and relatively cheap interaction in which researchers participate as producers, distributors and users of information'
- Now owned and operated by Cornell University, and funded by Cornell and the National Science Foundation (NSF)

# EXCITATION #2




Cogprints - Welcome to Cogprints - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Cogprints [Home](#) || [About](#) || [Browse](#) || [Search](#) || [Register](#) || [User Area](#) || [Help](#)

## Welcome to Cogprints



Welcome to **CogPrints**, an electronic archive for [self-archive](#) papers in any area of [Psychology](#), [neuroscience](#), and [Linguistics](#), and many areas of [Computer Science](#) (e.g., [artificial intelligence](#), [robotics](#), [vision](#), [learning](#), [speech](#), [neural networks](#)), [Philosophy](#) (e.g., [mind](#), [language](#), [knowledge](#), [science](#), [logic](#)), [Biology](#) (e.g., [ethology](#), [behavioral ecology](#), [sociobiology](#), [behaviour genetics](#), [evolutionary theory](#)), [Medicine](#) (e.g., [Psychiatry](#), [Neurology](#), [human genetics](#), [Imaging](#)), [Anthropology](#) (e.g., [primatology](#), [cognitive ethnology](#), [archeology](#), [paleontology](#)), as well as any other portions of the [physical](#), [social](#) and [mathematical](#) sciences that are pertinent to the study of cognition.

[Browse](#)

Browse the archive by [Subject](#) or [Year](#).

[Latest Additions](#)

View items added to the archive in the past week.

[Simple Search](#)

Search the archive using the most common fields.

[Advanced Search](#)

Search the archive using a more complex range of fields.

[Registered Users Area](#)

Registered users may submit items to the archive.

[Register](#)

Register for an account (or reset a forgotten password).

Internet

<http://cogprints.ecs.soton.ac.uk/>



# CogPrints:

## Cognitive Sciences EPrint Archive (1)

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- Launched in August 1997 by Stevan Harnad, Professor of Cognitive Science, Department of Electronics and Computer Science, University of Southampton (UK)
- Psychology, Neuroscience, Linguistics, and many areas of Computer Science
- Presently implemented using *GNU EPrints 2* archive-creating software ([software.eprints.org](http://software.eprints.org))

# CogPrints:

## Cognitive Sciences EPrint Archive (2)

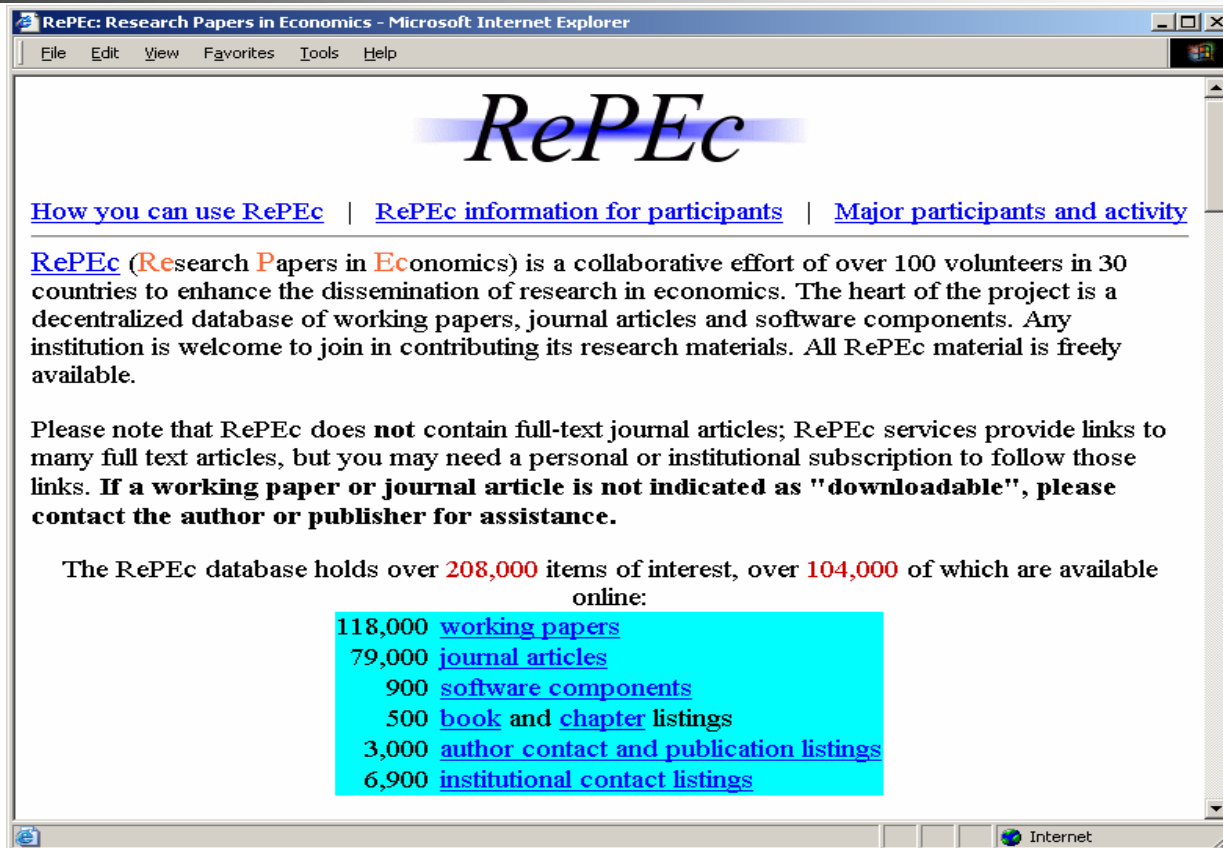
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- Stevan Harnad: a vocal advocate of author self-archiving and institutional repositories:

*For Whom the Gate Tolls? How and Why to Free the Refereed Research Literature Now, Through Online Self-Archiving*

<http://eprints.ecs.soton.ac.uk/archive/00005944/>

# EXCITATION #3



RePEc: Research Papers in Economics - Microsoft Internet Explorer

File Edit View Favorites Tools Help

## RePEc

[How you can use RePEc](#) | [RePEc information for participants](#) | [Major participants and activity](#)

**RePEc** (Research Papers in Economics) is a collaborative effort of over 100 volunteers in 30 countries to enhance the dissemination of research in economics. The heart of the project is a decentralized database of working papers, journal articles and software components. Any institution is welcome to join in contributing its research materials. All RePEc material is freely available.

Please note that RePEc does **not** contain full-text journal articles; RePEc services provide links to many full text articles, but you may need a personal or institutional subscription to follow those links. **If a working paper or journal article is not indicated as "downloadable", please contact the author or publisher for assistance.**

The RePEc database holds over **208,000** items of interest, over **104,000** of which are available online:

- 118,000 [working papers](#)
- 79,000 [journal articles](#)
- 900 [software components](#)
- 500 [book and chapter listings](#)
- 3,000 [author contact and publication listings](#)
- 6,900 [institutional contact listings](#)

Internet

<http://repec.org>

# RePEc:

## Research Papers in Economics (1)

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- *RePEc* is 'a collaborative effort of over 100 volunteers in 30 countries to enhance the dissemination of research in economics'; originated by Thomas Krichel, now Palmer School of Library and Information Science
- At the core of *RePEc* is a decentralized database of working papers, journal articles, and software components

# RePEc:

## Research Papers in Economics (2)

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- *RePEc* provides access to one of the largest sources of freely-downloadable e-prints in the world
- As of mid-June 2003, *RePEc* contained records for more 208,000 items of interest, with more than half of these (104,000) available as full text
- Currently more than 118,000 working papers, 79,000 journal articles, 900 software components, and 3,000 author and 6,900 institutional contact listings

# EXCITATION #4

The screenshot shows the University of California eScholarship Repository website. The browser window title is "eScholarship Repository - Microsoft Internet Explorer". The page features the University of California logo and the text "UNIVERSITY OF CALIFORNIA eScholarship Repository" and "CDL". A navigation menu on the left includes "home", "search", "help", "my account", "about", "notify me of new papers", and "search melvyl". The main content area has a heading "browse research and scholarship by" with sub-links for "campus", "research unit, center, or department", and "peer-reviewed content". Below this is a "search all 1922 papers" section with a search box and a "Go" button. A descriptive paragraph states: "The repository is a service of the eScholarship initiative of the California Digital Library. Research and scholarly output included here has been selected and deposited by the individual University of California units." On the right, a "paper of the day" box highlights "The Utility of Mathematical Constructs in Building Archaeological Theory" by Dwight W. Read, from the book "Human Complex Systems, University of California, Los Angeles". The footer includes "Open Archives Compliant", navigation links "HOME | SEARCH | HELP | MY ACCOUNT | ABOUT | NOTIFY ME | SEARCH MELVYL", and the "powered by bepress" logo.

<http://repositories.cdlib.org/escholarship/>



# eScholarship Repository (1)

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- Inaugurated in April 2002, the *eScholarship Repository* provides a central location for University of California faculty to deposit electronic versions of working papers, pre-publications, and research reports
- Sponsored by the California Digital Library (CDL) ([www.cdlib.org](http://www.cdlib.org)) - a 'co-library of the campuses of the University of California' - the repository offers persistent access and facilitates discovery of UC faculty scholarship



# eScholarship Repository (2)

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- *eScholarship Repository* offers university units, centers, and departments:
  - an alternative to commercial ventures or self-publishing
  - free access to advanced electronic publication technology
  - software that facilitates expeditious and efficient publication
  - ability to upload associated content, e. g., images, spreadsheets, Microsoft PowerPoint presentations, etc.
  - world-wide accessibility to scholarship via the Open Archives Initiative (OAI)
  - increased visibility of individual and organizational research and programs
  - e-mail alerting service for new content

# EXCITATION #5

The screenshot shows the Glasgow ePrints Service website. The browser window title is "ePrints Service - University of Glasgow - Microsoft Internet Explorer". The website header includes the University of Glasgow logo, the text "GLASGOW ePRINTS SERVICE", and a navigation menu with links: "ePrints Home | About | Subjects | Faculty | Search | Register | Deposit Papers | Help".

The main content area is divided into several sections:

- Welcome:** A search box with the text "SEARCH by TITLE, KEYWORD or ABSTRACT" and a "Search" button. Below it, it says "more search options [author, year]..." and "Login: Deposit Papers, Update your Account". A link for "Forgotten your password? Get an e-mail reminder." is also present.
- Browse by Subject:** A button labeled "BROWSE BY SUBJECT" with the text "Browse for papers by Library of Congress Subject Headings".
- Browse by Faculty:** A button labeled "BROWSE BY FACULTY" with the text "Browse for papers by Faculty or Administrative Unit".
- Advanced Search:** A button labeled "ADVANCED SEARCH" with the text "Preset Limits such as Subject and Document Type".
- View ePrint by Deposit ID:** A button labeled "VIEW ePRINT BY DEPOSIT ID" with the text "View eprint by entering its ID code".

On the left side, there is a "Welcome" sidebar with links: "Welcome to our ePrints Service", "Help", "ePrints Help", "Depositing Papers", "Copyright Matters", and "Frequently Asked Questions". Below this is a small image of a building and the text "Create Change - Challenging the Crisis in Scholarly Communication". At the bottom left, there is a "Subscriptions" section with the text "Set-up E-mail alerts for new eprints in".

On the right side, there is a "Latest News" sidebar with the following text: "Project RoMEO Academic authors: copyright and self-archiving survey Survey >> Search for digital resources with OAISTER - over 274046 records from 55 institutions including Glasgow Start searching... Ingenta signs strategic partnership with the University of".

The browser window shows the "Internet" icon in the taskbar.

<http://eprints.lib.gla.ac.uk/>



# Glasgow ePrints Service (1)

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- The *Glasgow ePrints Service* is 'an experimental Open Archives ([www.openarchives.org](http://www.openarchives.org)) service established to provide access to the full text of the research output of scholars, scientists, and researchers affiliated with the University of Glasgow, and intended to complement current conventional publication routes and services'
- It is expected that participation in the ePrints service will make university faculty scholarship more 'visible, accessible and usable through a global network of interlinked Open Archive services'



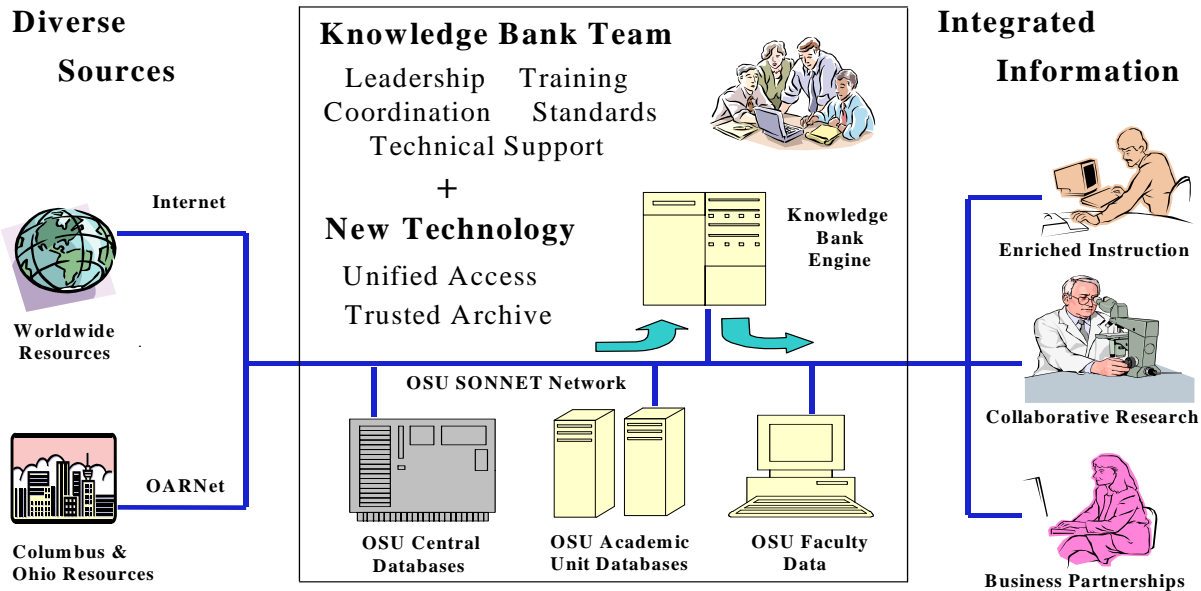
# Glasgow ePrints Service (2)

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- A wide variety of document types can be submitted, and include:
  - conference papers
  - gray literature
  - preprints
  - project reports
  - published papers
  - technical reports
  - theses
- Browse by classes and subclasses of the [Library of Congress Classification \(LCC\) Outline](#)

# EXCITATION #6

## The OSU Knowledge Bank



[http://www.lib.ohio-state.edu/Lib\\_Info/scholarcom/KBproposal.html](http://www.lib.ohio-state.edu/Lib_Info/scholarcom/KBproposal.html)



# Ohio State University Knowledge Bank (1)

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- The concept of the *Knowledge Bank* (or Research Bank) was first articulated in 2001 during deliberations of the Ohio State University (OSU) Distance Learning/Continuing Education Committee upon realization that 'the generation, collection, indexing, and preservation of intellectual content ... might benefit from the application of new digital technology and more focused organization'



# Ohio State University Knowledge Bank (2)

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- The Knowledge Bank is envisioned as both a *referatory* and a *repository*
- The former is viewed as a gateway to digital objects produced by OSU faculty, staff, and students, while the latter is envisioned as an electronic archive for the digital content created at the university that facilitates long-term 'use, dissemination, and preservation'

# EXCITATION #7

DSpace: Durable Digital Depository: MIT Libraries - Microsoft Internet Explorer

File Edit View Favorites Tools Help

**DSpace™** Search DSpace at MIT MITLibraries

Durable Digital Depository

**DSpace Home**

**What is DSpace?**

- [Definition - mission, vision](#)
- [FAQ - open-source system](#)

**Technology Platform**

- [Features](#)
- [Functionality](#)
- [Architecture](#)
- [Metadata](#)
- [Download](#)

**MIT Implementation**

- [DSpace at MIT](#)
- [MIT Policies](#)
- [MIT Services](#)
- [MIT Business Plan](#)

**News & Related Readings**

- [Newsletters](#)
- [DSpace in the News](#)
- [Schedule, Milestones](#)
- [Related Readings](#)

**Welcome to DSpace**, a newly developed digital repository created to capture, distribute and preserve the intellectual output of MIT.

As a joint project of MIT Libraries and the Hewlett-Packard Company, DSpace provides stable long-term storage needed to house the digital products of MIT faculty and researchers.

*Many ideas grow better when transplanted into another mind than in the one where they sprang up.*  
—Oliver Wendell Holmes

- **For the user:** DSpace enables easy remote access and the ability to read and search DSpace items from one location: the World Wide Web.
- **For the contributor:** DSpace offers the advantages of digital distribution and long-term preservation for a variety of formats including text, audio, video, images, datasets and more. Authors can store their digital works in collections that are maintained by MIT communities.
- **For the institution:** DSpace offers the opportunity to provide access to all the research of the institution through one interface. The repository is organized to accommodate the varying policy and workflow issues inherent in a multi-disciplinary environment. Submission workflow and access policies can be customized to adhere closely to each community's needs.

Done Internet

<http://dspace.org>



# DSpace™ (1)

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- *DSpace*™ is a 'newly-developed digital repository [originally] created to capture, distribute and preserve the intellectual output of faculty and staff of the Massachusetts Institute of Technology (MIT)'
- *DSpace*™ is organized to accommodate the multidisciplinary and organizational needs of a large institution and can provide access to the digital intellectual assets of an entire institution



## DSpace™ (2)

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- *DSpace*™ not only accepts text submissions, but images, audio, and video as well
- Among the types of resources it can accommodate are: articles, preprints, working papers, technical reports, conference papers, as well as books, theses, data sets, computer programs, and visual simulations and models
- *DSpace*™ software is freely-available  
<http://sourceforge.net/projects/dspace/>

# EXCITATION #8

The screenshot shows the Australian National University EPrints2 Archive website. The browser window title is "Australian National University EPrints2 Archive - Welcome to Australian National University EPr - Microsoft Internet Explorer". The page header includes the ANU logo and the text "Electronic Pre and Post Print Repository" and "The Australian National University Division of Information Scholarly Information Services / Library".

The main content area is titled "E-Print Repository" and features a search bar with the text "Search the Titles, Abstracts and Keywords" and a "Search" button.

The left navigation menu includes the following items:

- Eprints Home Page
- About Eprints
- Help
- Browse
- Search
- Registration
- Alerting Service
- Deposit Items
- Contacts
- Information Sheet
- Digital Theses

The main content area is divided into two columns:

- Viewing Services**
  - about e-prints**: Information page about eprints and the archive.
  - browse by subject**: Browse by broad subject categories.
  - search**: Search by author, title, publication and year. *Advanced Search* also available.
- User Services**
  - registration**: How to register, username and password reminder.
  - alerting service**: Subscribe to subject areas within the archive. *Requires registration*.
  - deposit items**: Deposit items, remove and update existing items, update personal details. *Requires registration*.

The browser status bar at the bottom shows "Done" and "Internet".

<http://eprints.anu.edu.au/>



# Australian National University E-Print Repository (1)

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- The *E-Print Repository* was established in September 2001 by the Scholarly Information Services unit of the Australian National University (ANU), under the direction of then University Librarian Colin Steele
- The intent of this project is to provide ANU with 'an electronic archive of research literature [as well as] a framework ... [that] will ultimately allow for the retention and distribution of research literature outside the multi-national publishers'

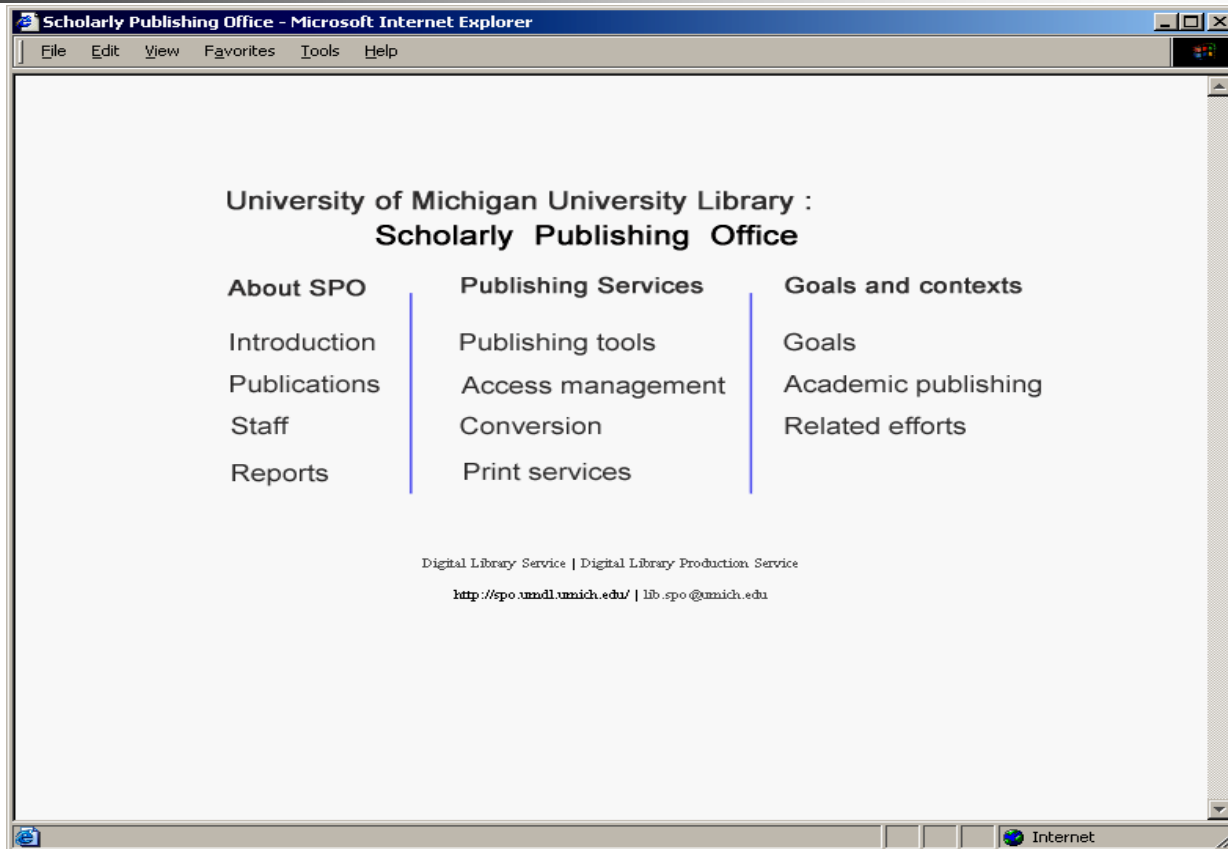


# Australian National University E-Print Repository (2)

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- The *E-Print Repository* is part of a broader national initiative undertaken by the Standing Committee on Information Policy (SCIP) of the Australian Vice-Chancellors Committee (AVCC). This initiative aimed to:
  - improve economics in scholarly communications
  - improve accessibility to the work of Australian scholars
  - enhance access and contribution to internationally linked scholarship
  - increase awareness of Australian research
  - create an archive of the publications produced at individual institutions

# EXCITATION #9



<http://spo.umdl.umich.edu/>



# University of Michigan University Library Scholarly Publishing Office (1)

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- The *Scholarly Publishing Office* (SPO) is a unit of the University of Michigan Library responsible for developing and providing tools and methods for the electronic publication and distribution of scholarly content
- This unit supports 'the traditional constructs of journal and monographic publication in an online environment, as well as publishing scholarly work expressly designed for electronic delivery'

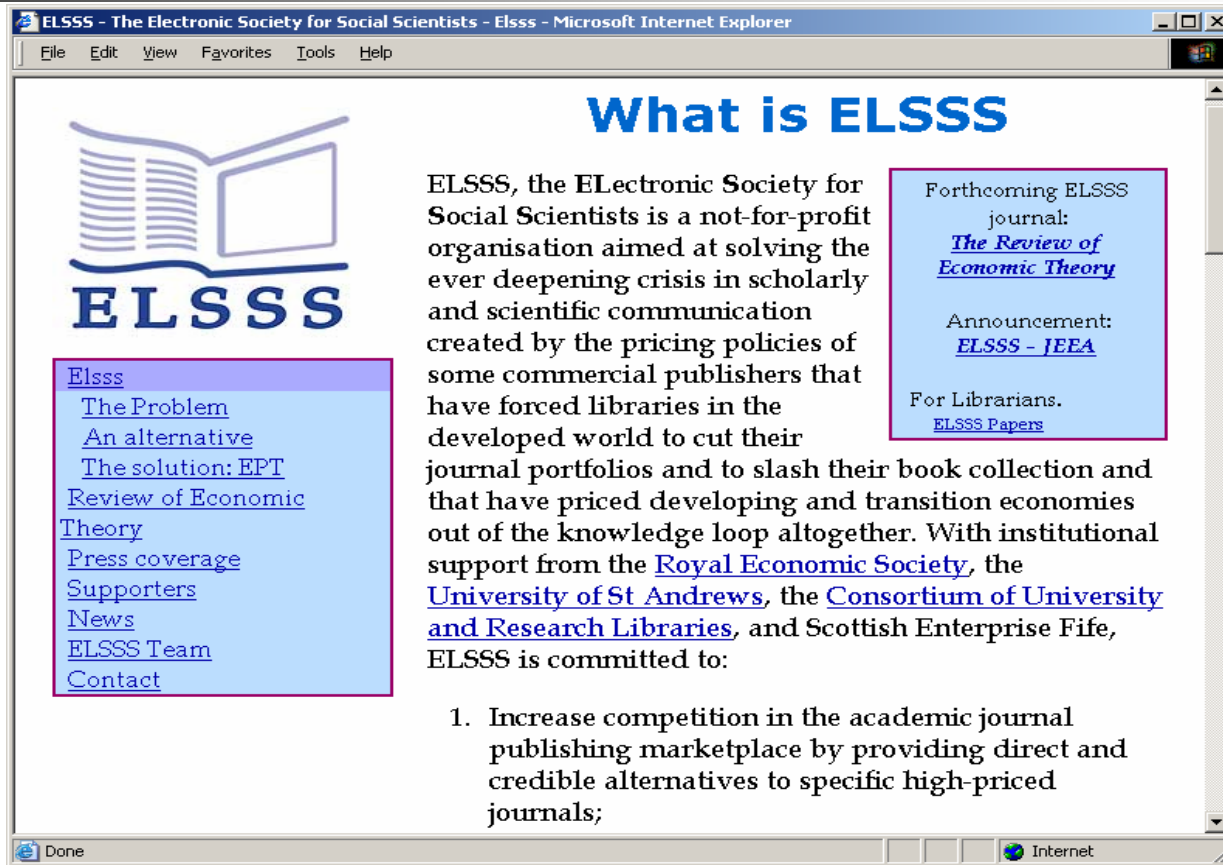


# University of Michigan University Library Scholarly Publishing Office (2)

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- Overall, the *Scholarly Publishing Office* exists 'to develop services that are responsive to the needs of both producers and users, to foster a better economic model for campus publishing, to support local control of intellectual assets, and to create highly functional scholarly resources'

# EXCITATION #10



**ELSSS**

[Elsss](#)  
[The Problem](#)  
[An alternative](#)  
[The solution: EPT](#)  
[Review of Economic Theory](#)  
[Press coverage](#)  
[Supporters](#)  
[News](#)  
[ELSSS Team](#)  
[Contact](#)

## What is ELSSS

ELSSS, the **EL**ectronic **S**ociety for **S**ocial **S**cientists is a not-for-profit organisation aimed at solving the ever deepening crisis in scholarly and scientific communication created by the pricing policies of some commercial publishers that have forced libraries in the developed world to cut their journal portfolios and to slash their book collection and that have priced developing and transition economies out of the knowledge loop altogether. With institutional support from the [Royal Economic Society](#), the [University of St Andrews](#), the [Consortium of University and Research Libraries](#), and Scottish Enterprise Fife, ELSSS is committed to:

1. Increase competition in the academic journal publishing marketplace by providing direct and credible alternatives to specific high-priced journals;

Forthcoming ELSSS journal:  
[The Review of Economic Theory](#)

Announcement:  
[ELSSS - IEEA](#)

For Librarians.  
[ELSSS Papers](#)

Done Internet

<http://www.elsss.org.uk/>



# ELSSS:

## ELectronic Society for Social Scientists (1)

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- *ELSSS* was launched in November 2000 as 'an innovative solution' to the 'serials crisis' – the rapid and substantial increase in journal subscription prices that far exceed the level of institutional library support for journal subscriptions
- ELSSS is 'a not-for-profit organisation aimed at solving the ever-deepening crisis in scholarly and scientific communication created by the pricing policies of some commercial publishers'



# ELSSS:

## ELectronic Society for Social Scientists (2)

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- Specifically, 'ELSSS aims to provide head-to-head competition to named high-price commercially-produced journals in the social sciences generally, and in economics'
- To attract the highest quality submissions, ELSSS plans to offer:
  - high level quality control: only submissions that match or exceed the quality of ELSSS competition will be accepted for publication
  - significantly shorter submission-to-decision time-lag
  - wider readership and higher impact
  - an 'opportunity to interact with fellow academics in ways not offered by high-priced journals'

# EXCITATION #11

SPARC | The Scholarly Publishing and Academic Resources Coalition | - Microsoft Internet Explorer

File Edit View Favorites Tools Help

 **SPARC**  
The Scholarly Publishing and Academic Resources Coalition

*"Returning Science to Scientists"*  
SPARC Search! **Go!**

**About SPARC**  
SPARC Membership  
SPARC Partners  
SPARC FAQ  
SPARC News  
SPARC E-News  
SPARC Resources  
SPARC Consulting Group  
SPARC Staff  
[Home]

SPARC Europe  
The Association of Research Libraries  
Contact Us  
© SPARC

SPARC is a worldwide alliance of research institutions, libraries and organizations that encourages competition in the scholarly communications market. SPARC introduces new solutions to scientific journal publishing, facilitates the use of technology to expand access, and partners with publishers that bring top-quality, low-cost research to a greater audience. SPARC strives to return science to scientists. SPARC's worldwide membership and network of affiliates and endorsers support SPARC's projects in North America, the U.K. and Ireland, Europe, Asia, Australia, and New Zealand.

**What's New!**

- **SPARC Partners with *Economics Bulletin*** (6/4/03)
- **Libraries Urge Justice Department to Block Cinven and Candover Purchase of BertelsmannSpringer** (6/3/03)
- **SPARC E-News, April-May 2003** (5/29/03)
- **Scientific Literature's Open Sesame**, *British Medical Journal*, May 3, 2003 (5/13/03)

Internet

<http://www.arl.org/sparc/>

# SPARC:

## Scholarly Publishing and Academic Resources Coalition (1)

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- Launched in June 1998, The *Scholarly Publishing and Academic Resources Coalition* (SPARC) is 'an alliance of universities, research libraries, and organizations' that seeks to serve 'as a catalyst for action, helping to create systems that expand information dissemination and use in a networked digital environment ... '

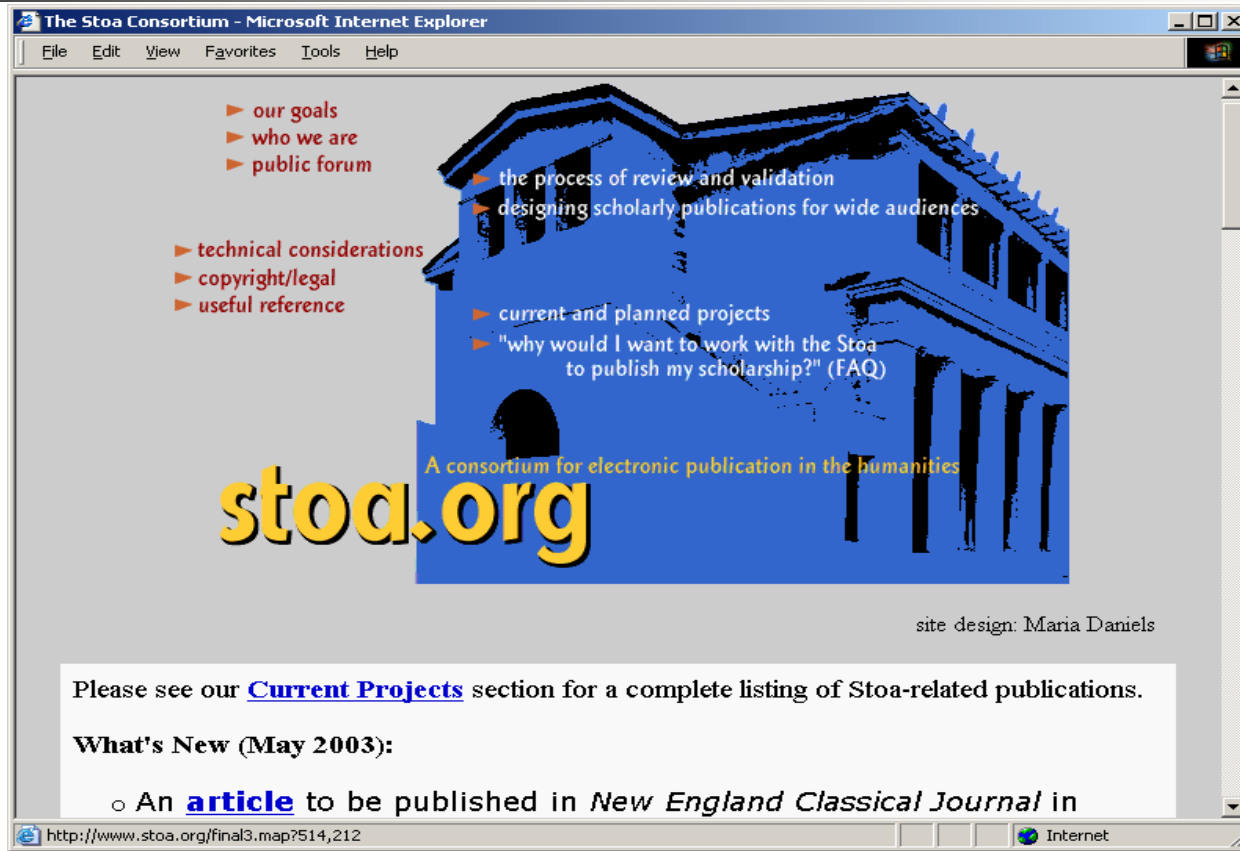
# SPARC:

## Scholarly Publishing and Academic Resources Coalition (2)

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- *SPARC* has encouraged collaborations through three major initiatives: *SPARC Alternatives Program*, *SPARC Leading Edge Program*, and the *SPARC Scientific Communities Program*
- The *SPARC Leading Edge Program* 'encourages and supports projects that represent a paradigm shift in technology use, introduce an innovative business model, and/or meet the scholarly and research information needs of an emerging or fast-growing STM [scientific, technical, and medical] field'

# EXCITATION #12



<http://www.stoa.org/>



# The Stoa Consortium (1)

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- *The Stoa Consortium* is a Web-based publishing forum for the Humanities. Its goals are:
  - to foster a new style of refereed scholarly publications in the Humanities not only of interest to specialists but also to public audience
  - to develop and refine new models for scholarly collaboration via the Internet
  - to assist in the long-term interoperability and archival availability of electronic materials
  - to support resolutions to copyright and other issues as they arise in the course of scholarly electronic publication



# The Stoa Consortium (2)

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- The vision of *The Stoa* is to establish a 'new paradigm of peer-reviewed publishing in the Humanities, buoyed by new models of scholarly collaboration, and using recognized standards ... '
- *The Stoa* can 'best be understood as a source of support and coordination for electronic scholarship in the humanities, with a special focus on the ancient world and the classical tradition;' more technically, it can be described as a 'refereed collaborative publication of structured data for wide audiences'

# EXCITATION #13

BioMed Central | Home page - Microsoft Internet Explorer

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**BioMed Central** The Open Access Publisher

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New from BioMed Central Research highlights Open Access

**Latest institutional members**  
New members include [GSF Forschungszentrum Neuherberg](#), Germany, [University of Bern](#), Switzerland and [Monash University](#), Australia.

**Eliminating E2F**  
*BMC Genetics* 2003, 4:9  
The E2F transcription factor is identified as a key target for destruction by one of the SCF ubiquitin ligases that contribute to progression of the cell cycle to the stage of DNA replication.

**Fish is not always 'brain food'**  
*Environmental Health: A Global Access Science Source* 2003, 2:8  
Adults exposed to methylmercury from contaminated fish may be at risk of deficits in neurocognitive function including concentration, dexterity and verbal memory.

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Tell a friend or colleague about BioMed Central and you could win a limited edition Watson & Crick photographic print.

**New Journal of Biology article**  
A new article in *Journal of Biology* describes the use of a new highly sensitive bioluminescence method for measuring bacterial growth rates to show

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**From The Scientist**

**Today's news**

Monkeypox in the news  
Scientists at US agencies have been using virus as surrogate and model for smallpox.

Groups attack USDA animal plan  
FASEB says medical record-keeping proposal is "unrealistic".

Internet

<http://www.biomedcentral.com>



# BioMed Central (1)

---

- Launched in May 2000, *BioMed Central* is an 'independent publishing house committed to providing immediate free access to peer-reviewed biomedical research'
- *BioMed Central* publishes electronic and print/electronic journals on a wide variety of subjects, with coverage ranging from general topics, cardiovascular disorders, endocrine disorders, and genetics, to immunology microbiology pharmacology, and women's health



## BioMed Central (2)

---

- All submitted manuscripts to a *BioMed Central* journal are fully and expeditiously peer-reviewed.
- For all *BMC* medical journals, referees are requested to provide signed reviews
- Pre-publication versions of each paper and associated correspondence (i.e., submitted version(s), reviewer reports, author responses) are made available with the published article for this journal series.
- Research articles published by *BioMed Central* are archived in [PubMed Central](#) (PMC)

BioMed Central | about us | Press releases - Microsoft Internet Explorer

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about us

**What we do**

- What is BioMed Central?
- Guide to the website
- Institutional membership
- Corp membership
- Author comments
- User comments
- Recent developments
- AvantGo service
- BioMed Central toolbar
- Online shop

**Our policies**

- Peer review
- Copyright
- Reprints and permissions
- Access to BioMed Central journals
- Open access charter
- Permanency of articles

**Who we are**

- In-house team
- Board of Trustees
- Editorial Directorate

**Promotion tools**

- Advocacy kit

**Media**

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- General
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**Links**

- Translated pages
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**Press release**

17 June 2003

**UK research, accessible for free, for everyone**

**JISC to SUPPORT *BioMed Central* Institutional Subscriptions**

More than 80,000 biology and medical researchers working at UK universities can now share their research findings freely with fellow researchers, funding bodies, students, journalists, and the general public worldwide. Making the results of science and medical research openly available will aid the global advancement of science and healthcare. Publishing in freely accessible online journals will also make the UK higher education system more cost-effective, by reducing the amount of money spent on journal subscriptions.

The landmark deal announced today by The Joint Information Systems Committee (JISC), a joint committee of HEFCE and other UK further and higher education funding bodies, and open access publisher BioMed Central places the UK at the forefront of the drive to make scientific research freely available on the Internet. The BioMed Central membership agreement commences on the 1 July. From this date article-processing charges will be waived - for all UK higher education staff - when publishing in any of BioMed Central's 90+ peer-reviewed journals in which all research content is freely accessible.

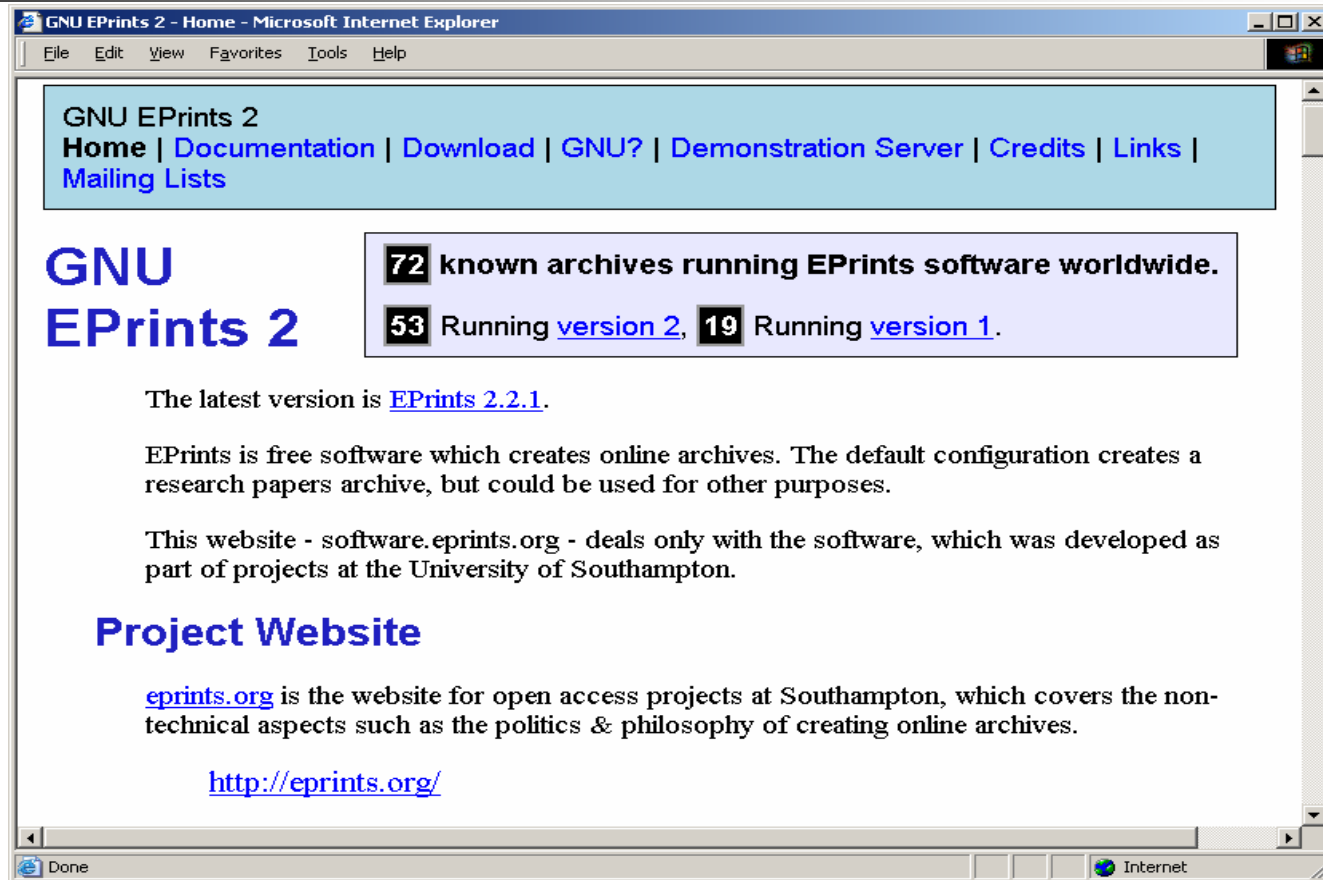
Dr Alicia Wise, Head of Development at JISC, explains the commitment by JISC to fund open access publishing for the entire UK Higher Education community:

*"This ground-breaking deal represents a major shift in the way that research is undertaken and its outputs published and shared. The implications for research and for our educational institutions beyond the health and medical field are immense."*

This is the first step of many that funding bodies are taking to ensure the success of open access. For the academic and clinical research communities working in UK Higher

Internet

# EXCITATION #14



<http://software.eprints.org>



# GNU EPrints Software (1)

---

- *GNU EPrints 2* is a free software package developed at the Electronic and Computer Science Department of the University of Southampton, United Kingdom, that enables the creation of an electronic 'archive' or 'repository' of departmental or institutional publications
- *GNU EPrints 2* was developed by Christopher Gutteridge, System Administrator with the Systems Group, Department of Electronics and Computer Science, University of Southampton with the assistance of Mike Jewell



# GNU EPrints Software (2)

---

- *GNU EPrints 2* offers a variety of user-friendly features and functionalities that facilitate the establishment of a digital publications repository, most notably:
  - a script that automates much of the installation process
  - storage of individual electronic publications in one or more than one document format
  - organization of access to contents in a subject hierarchy that facilitates browsing and searching
  - document submission using a simple Web-based interface



# GNU EPrints Software (3)

---

- ▶ ■ CogPrints
- ▶ ■ Glasgow ePrints Service
- ▶ ■ E-Print Repository (Australian National University)
- ▶ ■ Collezioni Eprints (University of Bologna, Italy)

Collezioni Eprints: Home - Microsoft Internet Explorer

File Edit View Favorites Tools Help

ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

**AlmaDL**  
Biblioteca Digitale dell'Università di Bologna

Vai a: Centro Inter-Bibliotecario Sistema Bibliotecario d'Ateneo 8 Giugno 2002

Cerca | Rubrica | Alma-DL Supporto

Indietro | Alma-DL > Collezioni Eprints > Home

Home

**Collezioni Eprints**

- .. AMS Campus
- .. AMS Acta
- .. AMS Miscellanea

**Risorse di Ateneo**

**Risorse in Rete**

.....

**Cataloghi CIB**

Mirror CIB

**Collezioni Eprints: Home**

Benvenuto su questa installazione di prova del software Eprints.org presso l'Università di Bologna.

Sono attivi tre archivi:

**AMS Campus [Archivio attivo]**

*Almae Matris Studiorum Campus*, diffusa sotto la sigla **AMS Campus**, è la collezione dei sussidi didattici offerti, via Internet, agli studenti dell'Alma Mater Studiorum Università di Bologna, immessi a cura dei Docenti titolari dei corsi.

.....

**AMS Acta [Archivio in fase di testing]**

*Almae Matris Studiorum Acta*, diffusa sotto la sigla **AMS Acta**, è la collezione dei contributi di ricerca depositati sotto la diretta responsabilità delle strutture dell'Ateneo e di Enti Scientifici. Di questi contributi verrà fatto il deposito legale presso la BNCF.

.....

**AMS Miscellanea [Archivio attivo]**

*Almae Matris Studiorum Miscellanea*, diffusa sotto la sigla **AMS Miscellanea**, è la collezione dei contributi culturali di soggetto vario immessi e diffusi sotto la diretta responsabilità degli autori.

.....

**Azioni**

**Eventi**

7 nov 2002  
**"Open Archives e nuovi scenari dell'editoria scientifica e didattica online"**  
Seminario - Aula Poeti della Facoltà di Scienze Politiche, strada Maggiore 45.

**Contatti e informazioni**

- .. **Supporto Eprints**
- .. **Staff Eprints**
- .. **Server Info**

Internet

<http://almadl.cib.unibo.it/eprints/>

Home - Microsoft Internet Explorer

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ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# Alma DL

Biblioteca Digitale dell'Università di Bologna

Vai a: Centro Inter-Bibliotecario Sistema Bibliotecario d'Ateneo

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Back: Alma-DL > Collezioni Eprints > AMS Campus > Home

## Collezioni Eprints

- AMS Campus
- AMS Acta
- AMS Miscellanea

Risorse di Ateneo  
Risorse in Rete

Cataloghi CIB  
Mirror CIB

## Welcome to AMS Campus

*Almae Matris Studiorum Campus*, diffusa sotto la sigla **AMS Campus**, è la collezione dei sussidi didattici offerti, via Internet, agli studenti dell'Alma Mater Studiorum Università di Bologna. La selezione, raccolta e produzione dei sussidi offerti è istituzionalmente a cura dei docenti dei singoli corsi e coordinata dalle strutture didattiche dell'Ateneo.

Le informazioni e i materiali inseriti a titolo sperimentale non sono ancora validi come supporti didattici. La versione operativa sarà attivata appena autorizzata dal Senato Accademico.

Get [More information](#) about this eprints archive.

## Course Materials

<b>Last submitted documents</b> See documents submitted in the last week.	<b>Registration</b> Each Teacher could register to AMS Campus. To submit documents it is necessary to register.
<b>Browse</b> Browse courses.	<b>Work Area</b> Login to your Work Area to submit documents.

### Azioni

### Teachers Area

In this area teachers can submit their documents:

- Registration
- Work Area
- Help

### Students Area

Search or browse the submitted documents:

- Browse
- Search
- Help


### Contacts and Info

- Support
- Staff
- Server Info

Internet

Browse by Subject - Microsoft Internet Explorer

File Edit View Favorites Tools Help

 ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# Alma DL

## Biblioteca Digitale dell'Università di Bologna

Vai a: [Centro Inter-Bibliotecario](#) [Sistema Bibliotecario d'Ateneo](#)



Cerca | Rubrica | Supporto

Back | Alma-DL | Collezioni Eprints | AMS Campus | Browse by Subject

Please select a value to browse from the list below.

- **Facoltà (69)**
  - - Altre attività formative - (12)
    - Esercitazioni di deposito [Corso di Archiviazione di Documenti Elettronici] (2)
    - Ricerca bibliografica e documentale (10)
  - Agraria
  - Agraria (Cesena)
  - Agraria (Reggio Emilia)
  - Architettura (Cesena) (1)
    - Rilievo dell'architettura [Ing. Giuseppe Amoruso] (1)
  - **Chimica Industriale (10)**
    - Chimica dei composti organometallici [Prof. Graziano Baccolini] (1)
    - Chimica Fisica Organica [Prof. Raffaele Guido Della Valle]
    - Chimica organica II [Prof. Alfredo Marco Ricci]
    - Chimica organica II [Prof. Goffredo Rosini]
    - Complementi di chimica organica [Prof. Alfredo Marco Ricci]
    - Complementi di chimica organica [Prof. Goffredo Rosini]
    - Laboratorio di chimica analitica [Prof.ssa Barbara Ballarin] (1)
    - Laboratorio di chimica fisica (corso B) [Prof. Gian Domenico Nivellini] (3)
    - Laboratorio di chimica fisica [Prof. Franco Bertinelli] (4)
    - Metodi analitici in chimica industriale [Prof.ssa Barbara Ballarin] (1)
    - Metodi fisici in chimica organica [Prof. Loris Grossi]

**Azioni**

**Teachers Area**

In this area teachers can submit their documents:

- .. **Registration**
- .. **Work Area**
- .. **Help**


**Students Area**

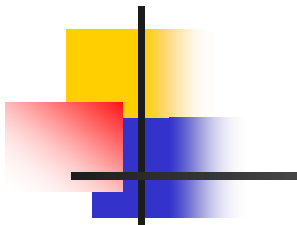
Search or browse the submitted documents:

- .. **Browse**
- .. **Search**
- .. **Help**

**Contacts and Info**


- .. **Support**
- .. **Staff**
- .. **Server Info**

Done  Internet



Naviga: Chimica Industriale - Microsoft Internet Explorer

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 ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

# AlmaDL

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Cerca | Rubrica | Supporto

Indietro | Alma-DL > Collezioni Eprints > AMS Campus > Naviga: Chimica Industriale

- **Facoltà (69)**
  - **Chimica Industriale (10)**
    - **Chimica dei composti organometallici** [Prof. Graziano Baccolini] (1)
    - **Chimica Fisica Organica** [Prof. Raffaele Guido Della Valle]
    - **Chimica organica II** [Prof. Alfredo Marco Ricci]
    - **Chimica organica II** [Prof. Goffredo Rosini]
    - **Complementi di chimica organica** [Prof. Alfredo Marco Ricci]
    - **Complementi di chimica organica** [Prof. Goffredo Rosini]
    - **Laboratorio di chimica analitica** [Prof.ssa Barbara Ballarin] (1)
    - **Laboratorio di chimica fisica (corso B)** [Prof. Gian Domenico Nivellini] (3)
    - **Laboratorio di chimica fisica** [Prof. Franco Bertinelli] (4)
    - **Metodi analitici in chimica industriale** [Prof.ssa Barbara Ballarin] (1)
    - **Metodi fisici in chimica organica** [Prof. Loris Grossi]
    - **Scienza dei metalli** [Prof. Giuseppe Palombarini]
    - **Spettroscopia molecolare** [Prof. Gianfranco Di Lonardo]

**Collezioni Eprints**

- .. AMS Campus
- .. AMS Acta
- .. AMS Miscellanea



**Risorse di Ateneo**

**Risorse in Rete**

**Cataloghi CIB**

**Mirror CIB**

**Azioni**

**Area Docenti**

In quest'area i Docenti possono registrarsi per il deposito dei documenti:

- .. **Registrazione**
- .. **Area di lavoro**
- .. **Aiuto**

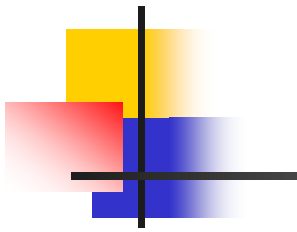
**Area Studenti**

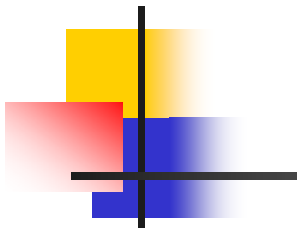
Ricerca o naviga tra i documenti depositati:

- .. **Naviga**
- .. **Ricerca**
- .. **Aiuto**

**Contatti e informazioni**

- .. **Supporto**
- .. **Staff**
- .. **Server Info**





**Chimica dei composti organometallici - Microsoft Internet Explorer**

File Edit View Favorites Tools Help

*Chimica dei composti organometallici ( G. Baccolini)*

(Corso complementare inserito in "**Indirizzo Ricerca e Sviluppo Prodotti**" e "**Indirizzo Chimico-Biotecnologico**")

L'obbiettivo di tale corso è motivato dall'esigenza di unificare alcuni importanti argomenti riguardanti la chimica organometallica e organometalloide che sono stati trattati solo marginalmente nei corsi fondamentali.

I contenuti sono in linea con gli abstracts riportati nella sezione 29 del Chemical Abstracts "Organometallic and Organometalloidal compounds".

Come primo argomento viene messo in risalto quale ruolo importante possa avere **la pentacoordinazione ed esacoordinazione di un elemento ( P, S, Si, C, Pd, ecc )** nel determinare il corso di una reazione in cui è coinvolto e quindi la sua utilità nel prevedere una sintesi. Conoscere i fattori che governano la pentacoordinazione del fosforo è fondamentale per capire molti concetti e processi biologici come la definizione di composti fosforilati ad alta energia (fosfoenolpiruvato ) o come alcuni **processi enzimatici**, (azione del RNase sulla decomposizione dell'acido ribonucleico.ecc) o la replicazione del DNA e la trascrizione del RNA o i processi di fosforilazione di composti di interesse biologico.

Un altro riguardo particolare è stato dato alla **chimica organica del fosforo** coprendone tutti i vari aspetti come la loro sintesi e il loro utilizzo in campo industriale biochimico e medico. Infatti negli ultimi anni c'è stato un'espansione nell'interesse per la sintesi di derivati organici del fosforo e tale interesse nasce dai vari usi che possono avere nel campo industriale, biologico e come reagenti intermedi per facilitare alcuni processi di sintesi senza i quali sono necessarie ardue procedure (reaz di Wittig ed Aza-Wittig, Mitsunobu ecc ).

Particolarmente interessante è la produzione industriale di "**fine chemicals**" contenenti il fosforo con ampi campi di applicazioni come, per esempio, ritardanti di fiamma, additivi e stabilizzanti di materiali plastici e per lubrificanti, erbicidi, regolatori per la crescita delle piante, antibiotici, antivirali, antitumorali ecc. Un notevole ulteriore campo di applicazione industriale è la produzione di fosfine e difosfine chirali cicliche da usare nella produzione di catalizzatori per la sintesi

Done Internet

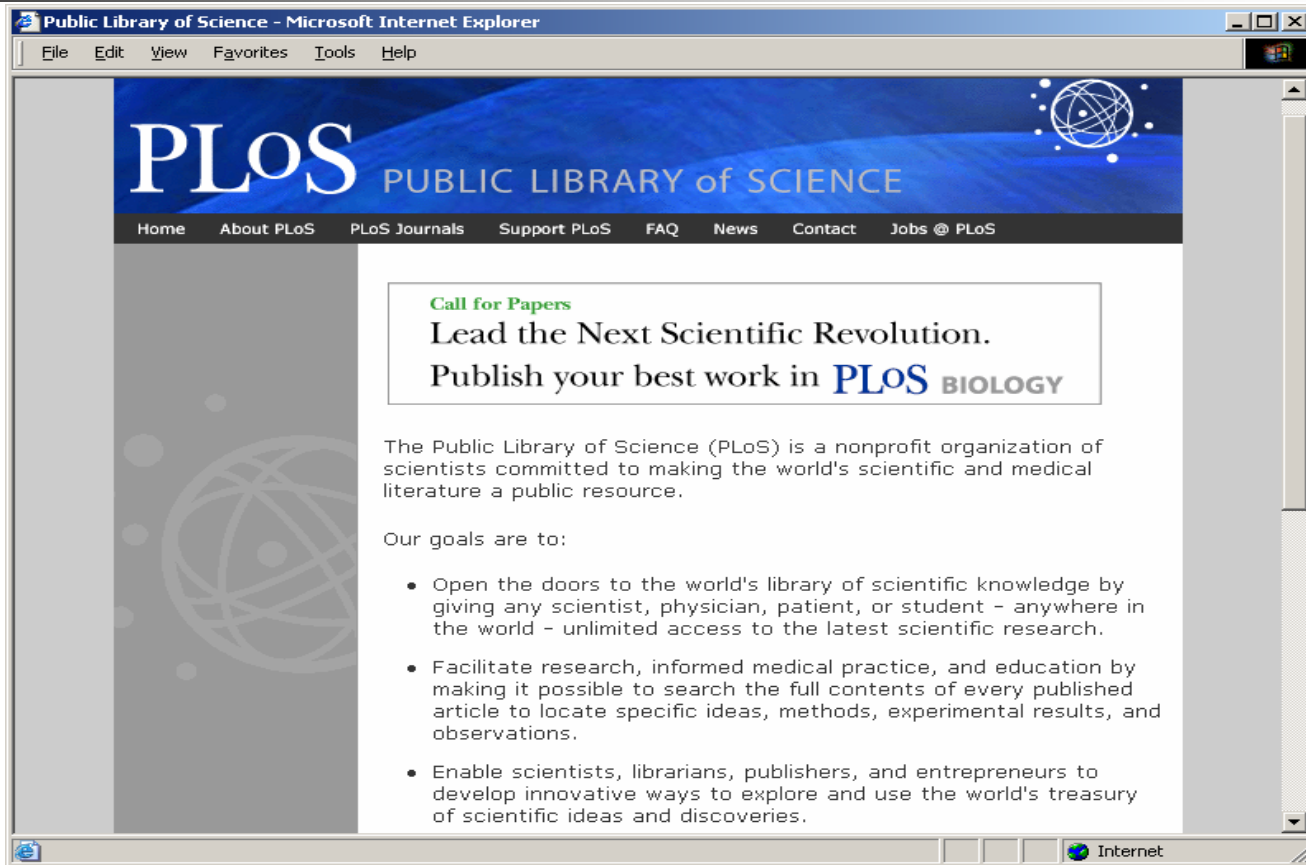


# GNU EPrints Software (4)

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- CogPrints
- Glasgow ePrints Service
- E-Print Repository (Australian National University)
- Collezioni Eprints (University of Bologna, Italy)
- DLIST (USA) ←
- E-LIS (Italy) ←

# EXCITATION #15



<http://www.plos.org/>



# Public Library of Science (1)

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- Founded in October 2000, the *Public Library of Science* 'is a non-profit organization of scientists committed to making the world's scientific and medical literature a public resource'
- In general, *Public Library of Science* seeks 'to establish online public libraries of science that will archive and freely distribute the complete contents of every published scientific article'



# Public Library of Science (2)

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## ■ And:

- 'greatly expand access to scientific knowledge by giving any scientist, physician, student - or anyone with access to the Internet, anywhere in the world - unlimited access to the latest scientific research
- facilitate research, informed medical practice and education by making it possible to freely search the full text of every published article to locate specific ideas, methods, experimental results and observations; and
- enable scientists, librarians, publishers and entrepreneurs to develop innovative new ways to access and use the information in this immensely rich but highly fragmented resource'

# EXCITATION #16

SURF - Microsoft Internet Explorer

File Edit View Favorites Tools Help

home route sitemap Nederlands search

Topics Projects Publications Meetings About SURF

back <<<<

## DARE

### DARE: a new age in the provision of academic information

[Printerfriendly page](#)

**A boost to innovation in the provision of academic information**  
*Published on: Tuesday November 05 2002*

DARE: a new age in the provision of academic information

With the award of a NAP grant of 2 million euros for the period 2003-2006, the Dutch government is giving a strong boost to innovation in the provision of academic information in the Netherlands. DARE (Digital Academic Repositories) is a collective initiative by the Dutch universities to make all their research results digitally accessible. The Koninklijke Bibliotheek [Royal Library], the Koninklijke Nederlandse Academie van Wetenschappen [Royal Netherlands Academy of Arts and Sciences] and the Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO) [Netherlands Organisation for Scientific Research] are also collaborating on this unique project. Coordination is being taken care of by the SURF Foundation, the ICT partnership organisation for higher education and research in the Netherlands.

DARE anticipates developments in the provision of academic information, in which information and communications technology has come to play a dominant role. DARE is modernising the management of Dutch academic information by putting an infrastructure system in place and providing advanced services for the digital recording, accessing, storage and distribution of the Dutch academic output. This will greatly improve the visibility of and access to the academic output. This is being done in the same way at all the institutions, each institution retaining its individual responsibility and exercising its own management, without duplication in storage and in the maintenance efforts. The standards used are robust in relation to future advances and are closely aligned with international developments, enabling the information to be exchanged nationally and internationally in a highly efficient way. Digital availability, based on open, international standards, simplifies the further use of the information for various purposes. Examples are publication in traditional or new journals (including electronic ones), long-term storage at the Koninklijke Bibliotheek [Royal Library], inclusion in the NWO's Open Sources system and incorporation in digital learning environments for the future.

http://www.surf.nl/en/actueel/print/index2.php?oid=7

<http://www.surf.nl/en/actueel/index2.php?oid=7>

# DARE:

## Digital Academic Repositories (1)

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- The *Digital Academic Repositories* (DARE) project ([www.surf.nl/download/DARE-summary.pdf](http://www.surf.nl/download/DARE-summary.pdf)) is a new collaborative initiative among select Dutch universities that seeks to develop the necessary infrastructure and platforms required for the long-term storage, distribution, and access to the individual and collective scholarly and educational digital assets of participating institutions

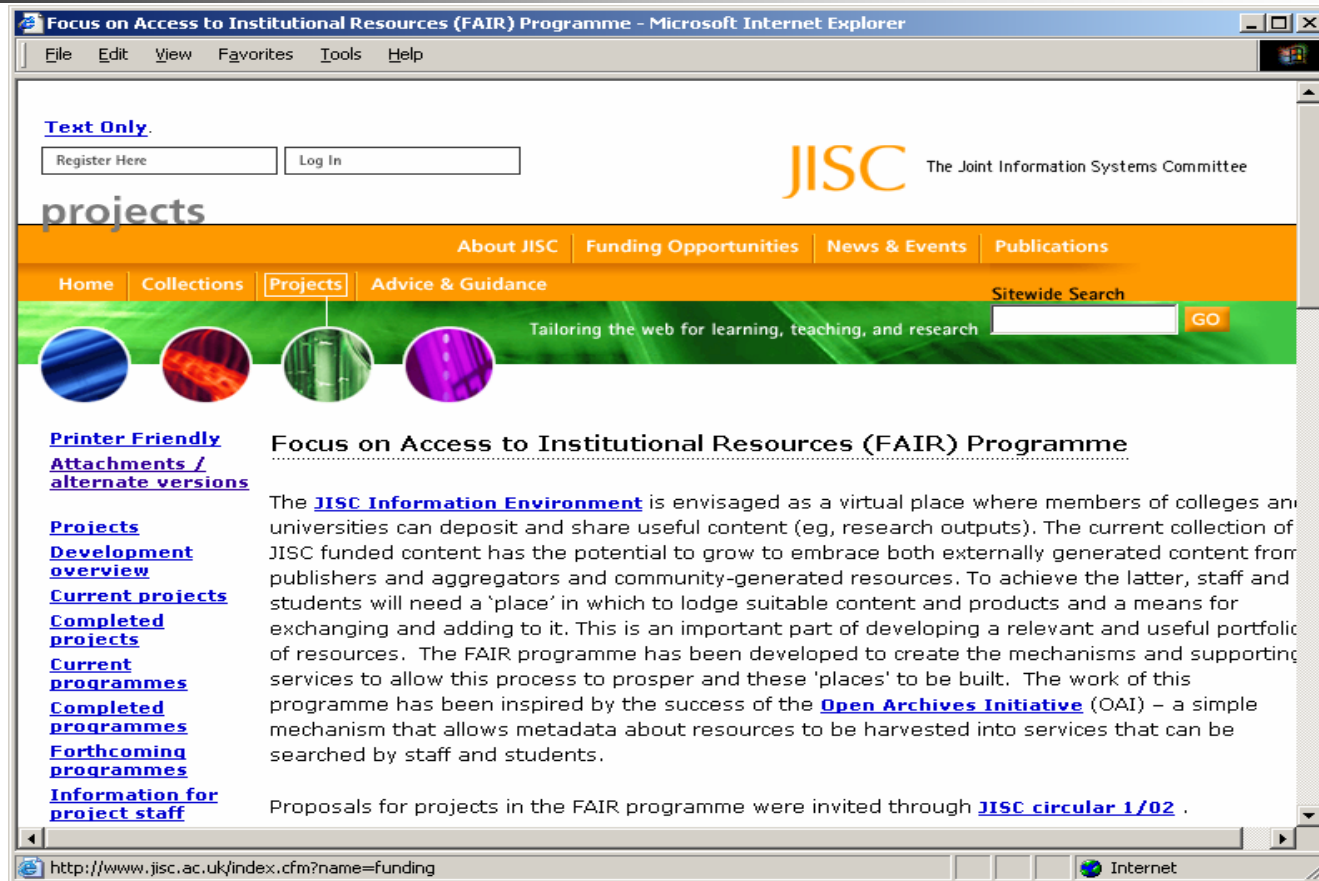
# DARE:

## Digital Academic Repositories (2)

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- At the core of *Digital Academic Repositories* is a distributed network of institutional repositories, 'information systems for academic output such as working papers/pre-prints, theses, research reports, data sets, conference contributions, multimedia presentations, etc'
- Within this framework, individual participating institutions will oversee and manage their respective digital activities and assets

# EXCITATION #17



The screenshot shows a Microsoft Internet Explorer browser window displaying the JISC website. The browser title is "Focus on Access to Institutional Resources (FAIR) Programme - Microsoft Internet Explorer". The address bar shows the URL "http://www.jisc.ac.uk/index.cfm?name=funding".

The website content includes:

- Navigation menu: Home, Collections, **Projects**, Advice & Guidance
- Secondary navigation: About JISC, Funding Opportunities, News & Events, Publications
- Search: Sitewide Search with a "GO" button
- Decorative banner: "Tailoring the web for learning, teaching, and research" with four circular icons.
- Left sidebar links:
  - [Printer Friendly Attachments / alternate versions](#)
  - [Projects Development overview](#)
  - [Current projects](#)
  - [Completed projects](#)
  - [Current programmes](#)
  - [Completed programmes](#)
  - [Forthcoming programmes](#)
  - [Information for project staff](#)
- Main content area:
  - Section: **Focus on Access to Institutional Resources (FAIR) Programme**
  - Text: "The [JISC Information Environment](#) is envisaged as a virtual place where members of colleges and universities can deposit and share useful content (eg, research outputs). The current collection of JISC funded content has the potential to grow to embrace both externally generated content from publishers and aggregators and community-generated resources. To achieve the latter, staff and students will need a 'place' in which to lodge suitable content and products and a means for exchanging and adding to it. This is an important part of developing a relevant and useful portfolio of resources. The FAIR programme has been developed to create the mechanisms and supporting services to allow this process to prosper and these 'places' to be built. The work of this programme has been inspired by the success of the [Open Archives Initiative](#) (OAI) – a simple mechanism that allows metadata about resources to be harvested into services that can be searched by staff and students."
  - Text: "Proposals for projects in the FAIR programme were invited through [JISC circular 1/02](#)."

[http://www.jisc.ac.uk/index.cfm?name=programme\\_fair](http://www.jisc.ac.uk/index.cfm?name=programme_fair)

# FAIR:

## Focus on Access to Institutional Resources (1)

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- The Joint Information Systems Committee (JISC) ([www.jisc.ac.uk](http://www.jisc.ac.uk)) is the strategic advisory committee that works on behalf of funding bodies for further and higher education in England, Scotland, Wales and Northern Ireland, and promotes the innovative application and use of information systems and information technology
- In late summer 2002, JISC awarded funding to 14 projects under its *Focus on Access to Institutional Resources* programme (FAIR)

# FAIR:

## Focus on Access to Institutional Resources (1)

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- The specific objectives of *FAIR* are to:
  - explore the OAI protocol ([OAI-PMH](#)) as a mechanism for disclosure and sharing a range of resource types (e.g., images, video clips, learning objects, finding aids)
  - explore other mechanisms for disclosure
  - explore the challenges associated with disclosure and sharing, including Intellectual Property Rights
  - test the delivery of disclosed information through established JISC services
  - inform the work for developing the Information Environment

# FAIR:

## Focus on Access to Institutional Resources (3)

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- DAEDALUS: Data providers for Academic E-content and Disclosure of Assets for Learning, Understanding, and Scholarship (University of Glasgow Library)
- ePrints UK (Resource Discovery Network)
- TARDis: Targeting Academic Research for Dissemination and Disclosure (University of Southampton)

# EXCITATION #18

http://www.scielo.org/index.php?lang=en - Microsoft Internet Explorer

File Edit View Favorites Tools Help

**SciELO**  
Scientific Electronic Library Online

ESPAÑOL | PORTUGUÉS

Search

All words  Any word [Advanced>>](#)

■ **SciELO Methodology**

■ **Links**

■ **Talk to us**

■ **SciELO News**

**SciELO in numbers**

164 journals with full-text available

17 thematic collections

■ **Journals by collection**

**Brazil**

**Chile**

**Cuba**

**Public Health**

**Spain**

■ **Journals by subject**

**Biology**

**Social sciences**

**Engineering**

**Letters**

**Health sciences**

**Odontology**

more...

■ **Initiatives in development**

**Brazil Proceedings**

**Brazil Thesis**

■ **New titles**

■ Anales del Sistema Sanitario de Navarra

■ Journal of the Chilean Chemical Society

■ Lua Nova: Revista de Cultura e Política

■ Revista médica de Chile

more...

■ **New issues**

■ Acta Cirúrgica Brasileira - 18(3)

■ Brazilian Journal of Veterinary Research and Animal Science - 39(4)

■ Arquivos Brasileiros de Endocrinologia & Metabologia - 47(1)

■ Arquivos de Neuro-Psiquiatria - 61(2a)

■ Revista da Sociedade Brasileira de

**Highlights**

SciELO Mexico starts collection with 10 journals

SciELO portal in the CRICS 6

Internet

<http://www.scielo.br/>

# SciELO:

## Scientific Electronic Library Online (1)

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- *SciELO* (Scientific Electronic Library Online) is the result of a partnership among the State of São Paulo Science Foundation (FAPESP), Latin America and Caribbean Center on Health Sciences Information (BIREME), and national and international institutions involved with scientific communication



# SciELO:

## Scientific Electronic Library Online (2)

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- As of June 2003, the *SciELO* gateway provided access to more than 10,000 articles from more than 100 academic journals
- Subject coverage includes:
  - Agricultural Sciences
  - Applied Social Sciences
  - Biological Sciences
  - Engineering
  - Exact and Earth Sciences
  - Health Sciences
  - Human Sciences
  - Linguistics, Letters, and Arts

## <QUOTE#5>

"The opportunities ...  
are not in our stars,  
but within ourselves."

Cassius

*Julius Caesar*

Act I, Scene 2

With apologies to

William Shakespeare

(1564-1616)





**LEAD**



**BY EXAMPLE**

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**D L I S T**

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| [Credits](#) | [Help](#)

**Digital Library of Information Science and Technology**

Search the Titles, Abstracts and Keywords

[Browse](#) Browse the archive by [Subject](#) or [Year](#).

[Latest Additions](#) View items added to the archive in the past week.

[Simple Search](#) Search the archive using the most common fields.

[Advanced Search](#) Search the archive using a more complex range of fields.

[Registered](#) Registered users may submit

Internet

<http://dlist.sir.arizona.edu/>



# DLIST: Digital Library of Information Science and Technology

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- The objective of *DLIST* is to serve as a repository of electronic resources in the domains of Library and Information Science (LIS) and Information Technology (IT)
- *DLIST* contains materials in a variety of formats



# DLIST: Digital Library of Information Science and Technology

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- These formats include but are not be limited to:
  - published and unpublished papers
  - data sets
  - instructional and help materials ←
  - pathfinders ←
  - reports
  - bibliographies

Browse Records - Microsoft Internet Explorer

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# DLIST

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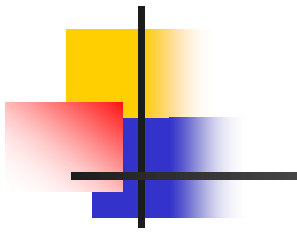
## Browse Records

Records may be browsed by the following:

- [Year](#)
- [Subject](#)

The DLIST Archive is a service of the [School of Information Resources and Library Science](#) and [Arizona Health Sciences Library, University of Arizona](#). Seed monies for DLIST are from the University of Arizona College of Social and Behavioral Sciences and the Proposition 301 funded initiative of the [Internet Technology Commerce and Design Institute](#). DLIST is running on *EPrints2* archive-creating software, which generates eprints archives that are compliant with the Open Archives Protocol for Metadata Harvesting OAI 2.0.





Browse by Subject - Microsoft Internet Explorer

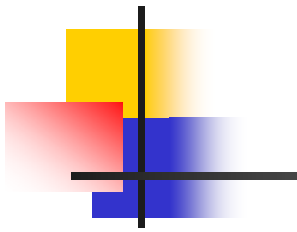
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# Browse by Subject

Please select a value to browse from the list below.

- [Subject Areas \(72\)](#)
  - [Academic Libraries \(7\)](#)
  - [Anthropology](#)
  - [Archaeology](#)
  - [Archives \(1\)](#)
  - [Artificial Intelligence \(1\)](#)
  - [Bibliometrics \(11\)](#)
  - [Cataloging \(3\)](#)
  - [Citation Analysis \(2\)](#)
  - [Classification \(3\)](#)
  - [Co-citation Analysis \(2\)](#)
  - [Cognitive Science](#)
  - [Communications \(1\)](#)
  - [Computational Linguistics](#)
  - [Computer Science \(1\)](#)
  - [Data Mining \(1\)](#)
  - [Databases \(2\)](#)
  - [Digital Libraries \(8\)](#)
  - [Distributed Learning \(3\)](#)
  - [Economics \(1\)](#)
  - [Economics of Information \(2\)](#)
  - [Electronic Publishing \(4\)](#)

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- [Reference Services](#)
- [Research Methods \(1\)](#)
- [Scholarly Communication \(1\)](#)
- [Science Technology Studies \(13\)](#)
- [Social Epistemology](#)
- [Sociology \(1\)](#)
- [Software \(3\)](#)
- [Standards](#)
- [Training \(1\)](#)
- [User Studies \(2\)](#)
- [Virtual Communities](#)
- [Web Metrics \(1\)](#)
- [Web Mining \(2\)](#)
- [Wireless Technologies](#)
- [World Wide Web \(2\)](#)
- [XML](#)
- [Z39.50](#)

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Scholar-Based Innovations in Publishing - Microsoft Internet Explorer

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# Scholar-Based Innovations in Publishing

McKiernan, Mr. Gerry (2003) Scholar-Based Innovations in Publishing.

Full text available as:  
[Microsoft Powerpoint Presentation \(.ppt\)](#) - Requires Microsoft Powerpoint

## Abstract

In recent years, a number of innovations have emerged that seek to provide sustainable alternatives to the predominant publishing paradigm. In this presentation a variety of initiatives that exploit the inherent potential of the Web and other digital environments to offer open and enhanced access to the personal and collective scholarship of individuals, organizations, and nations will be profiled.

**EPrint Type:** Presentation

**Keywords:** scholarly communications; e-prints; GNU EPrints

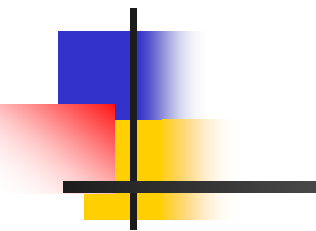
**Subjects:** [Scholarly Communication](#)

**ID Code:** 225

**Deposited On:** 09 June 2003

**Alternative Locations:** <http://www.public.iastate.edu/~gerrymck/ScholarBased.ppt>

Internet



# Scholar-based Innovations in Publishing



Gerry McKiernan

Science and Technology Librarian and Bibliographer  
Iowa State University Library

Ames IA

[gerrymck@iastate.edu](mailto:gerrymck@iastate.edu)

<http://www.public.iastate.edu/~gerrymck/ScholarBased.ppt>

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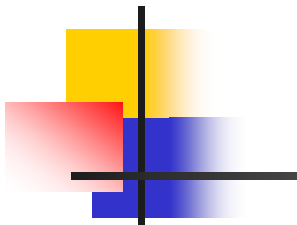
- [1995 \(2\)](#)
- [1996 \(2\)](#)
- [1998 \(5\)](#)
- [1999 \(5\)](#)
- [2000 \(5\)](#)
- [2001 \(21\)](#)
- [2002 \(28\)](#)
- [2003 \(5\)](#)

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PI: [Anita Coleman](#)

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E-LIS - Welcome to Eprints for LIS - Microsoft Internet Explorer

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## Welcome to E-LIS

E-Prints in Library and Information Science

Search the Titles, Abstracts or Keywords

E-LIS is an electronic open access archive for scientific or technical documents, published or unpublished, in Librarianship, Information Science and Technology, and related application activities.

E-LIS is an archive to deposit preprints, postprints and other LIS publications, it is a service for finding and downloading documents in electronic format, offered as a free service to the international LIS community.

The goal of the E-LIS Archive is to promote communication in the field by the rapid dissemination of papers.

Eprints for LIS has been established as a community service by [rclis](#) (Research in Computing, Library and Information Science) to promote open access to papers on these fields.

RCLIS is a project to build a database about current and past documents in computing, librarianship, information science and technology and related application activities.

Internet

<http://eprints.rclis.org>

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= Classification Schema

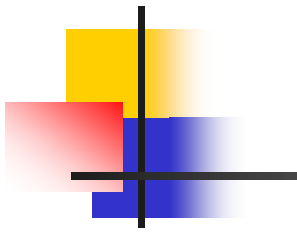
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E-LIS - JITA classification schema - Microsoft Internet Explorer

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## Classification schema for E-LIS

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### JITA Classification System of Library and Information Science

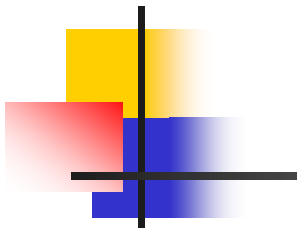
*[Theoretical and General]: general level*

- **A. Theoretical and general aspects of libraries and information**
  - Library and information science as a field. Information theory and library theory. Relationship of library and information science with other fields such as computing and communication science and cognitive science.
- **B. Information use and sociology of information**
  - Use and impact of information. Bibliometric methods. Information in society. Information society. Information economics. Information policy. Information dissemination and diffusion. Information needs and information requirements analysis. User interfaces, usability.

*[User oriented, directional, and management functionalities]: intermediate level (socio-economical and legal issues included)*

- **C. Users, literacy and reading**
  - Use studies. User studies. User categories: children, young people, social groups. User training, promotion, activities, education. Literacy. Reading and story telling.

Internet



E-LIS - JITA classification schema - Microsoft Internet Explorer

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- **D. Libraries as physical collections**
  - World libraries. National libraries. Public libraries. Academic libraries. School libraries. Government libraries. Private libraries. Special libraries. Science libraries. Technical libraries. Health libraries, Medical libraries. Archives. Museums.
- **E. Publishing and legal issues**
  - Mass media. Printing, electronic publishing, broadcasting. Bookselling. Intellectual property: author's rights, ownership, copyright and copyleft. Intellectual freedom. Censorship.
- **F. Management**
  - Co-operation. Marketing. Finance. Public relations. Personnel management. Funding. Local government. Reorganisation. Unitary authorities.
- **G. Industry, profession and education**
  - Information industry. Software industry. Computer and telecommunication industry. Organisations. Staff. Biographies. Curricula aspects. Education. Training.

*[Objects, Pragmatics and Technicalities]: specific level*

- **H. Information sources, supports, channels**
  - Periodicals, Newspapers. Gray literature. Archival materials. Rare books and manuscripts. Print materials. Microforms. Non-print materials. Audio-visual, Multimedia. Electronic media. CD-ROM. Online hosts. Databases and DataBase Networking. OPAC's. e-journal. e-books. e-resources. Web pages. Portals. Repositories (OAI-compliant and not)

Internet



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- **I. Information treatment for information services (Information functions and techniques)**
  - Cataloguing, bibliographic control. Content analysis: abstracting, indexing, classification. Index languages, processes and schemes. Data and metadata structures. Knowledge representation. Information transfer: protocols, formats (XML), techniques. Information presentation: hypertext, hypermedia. Image systems. Filtering. Reference linking. Design, development, implementation and maintenance of information systems and services.
- **J. Technical services in libraries, archives and museums**
  - Acquisitions. Serials management. Withdrawals. Stocktaking. Record keeping. Paper preservation. Digitization. Digital preservation. Circulation. Document delivery. Interlibrary loans.
- **K. Housing technologies**
  - Resource centres. Library, archive and museum buildings. Furniture. Vehicles. Architecture. Planning, Design, Removal. Safety. Disaster planning.
- **L. Information technology and library technology**
  - Telecommunications. Computer networking. Internet, including WWW. Computers. Scanners. Digital cameras. Photocopiers. Computer and network security. Authentication, and access control. Software. Software methodologies and engineering. Automated language processing. Automatic text retrieval. Data base management systems. Object-oriented DBMS. Intelligent agents. Library automation systems. OPAC systems. Search engines.

Internet



E-LIS - JITA classification schema - Microsoft Internet Explorer

File Edit View Favorites Tools Help

- Resource centres. Library, archive and museum buildings. Furniture. Vehicles. Architecture. Planning, Design, Removal. Safety. Disaster planning.
- **L. Information technology and library technology**
  - Telecommunications. Computer networking. Internet, including WWW. Computers. Scanners. Digital cameras. Photocopiers. Computer and network security. Authentication, and access control. Software. Software methodologies and engineering. Automated language processing. Automatic text retrieval. Data base management systems. Object-oriented DBMS. Intelligent agents. Library automation systems. OPAC systems. Search engines.

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*The JITA Classification Schema has been developed starting from a merger of NewsAgentTopic Classification Scheme (maintained by Mike Keen at Aberystwyth, UK, until 31st March 1998) and the RIS classification scheme of the (now defunct) Review of Information Science originally conceived by Donald Soergel (University of Maryland). JITA is an acronym of the authors' first names: Jose' Manuel Barrueco Cruz, Imma Subirats Coll, Thomas Krichel and Antonella De Robbio. The authors thank Michael Keen, University of Wales Aberystwyth and Andy Powell, UKOLN for the permission of the using NewsAgentTopic Classification Scheme in the development of this schema. In addition, the authors are grateful for comments by Lorcan Dempsey (VP, Research, OCLC) and Sophie Rigny (Library of Congress).*

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## Browse by Subject

Please select a value to browse from the list below.

- [JITA Classification System of Library and Information Science \(122\)](#)
  - [A. Theoretical and general aspects of libraries and information \(5\)](#)
  - [B. Information use and sociology of information \(11\)](#)
  - [C. Users, literacy and reading \(3\)](#)
  - [D. Libraries as physical collections \(4\)](#)
  - [E. Publishing and legal issues \(23\)](#)
  - [F. Management \(4\)](#)
  - [G. Industry, profession and education \(4\)](#)
  - [H. Information sources, supports, channels \(51\)](#)
  - [I. Information treatment for information services \(Information functions and techniques\) \(46\)](#)
  - [J. Technical services in libraries, archives and museums \(17\)](#)
  - [K. Housing technologies](#)
  - [L. Information technology and library technology \(18\)](#)

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## E-LIS

# EPrints submitted by McKiernan, Gerry

[Click here to see user's record.](#)

Number of EPrints submitted by this user: 8

[McKiernan, Gerry \(2002\) Seize the EI: The Eclectic Journal and Its Ramifications. Technical Report.](#)

[McKiernan, Gerry \(2001\) E is for Everything: The Extra-Ordinary, Evolutionary \[E-\] Journal . Technical Report.](#)

[McKiernan, Gerry \(1999\) Morning Becomes Electric: Post-Modern Scholarly Information Access, Organization, and Navigation. Technical Report.](#)

[McKiernan, Gerry \(2002\) IDEALS: Emerging Innovative Augmented Digital Library Services. Technical Report.](#)

[McKiernan, Gerry \(1995\) CyberStacks\(sm\):A 'Library-Organized' Virtual Science and Technology Reference Collection. D-Lib Magazine 1995\(Dec\).](#)

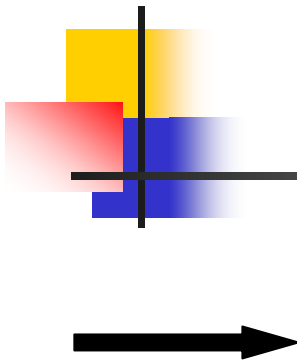
[McKiernan, Gerry \(1997\) Hand-Made in Iowa: Organizing the Web Along the Lincoln Highway . D-Lib Magazine 1997 \(Feb\).](#)

[McKiernan, Gerry \(1996\) The Once and Future Library. Issues in Science and Technology Librarianship Fall\(1996\).](#)

[McKiernan, Gerry \(2002\) eProfiles: Innovative Information Systems and Services. Technical Report.](#)

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Archive FAQ - Submission Policy - Copyright - Credits

## E is for Everything: The Extra-Ordinary, Evolutionary [E-] Journal

McKiernan, Gerry (2001) E is for Everything: The Extra-Ordinary, Evolutionary [E-] Journal . Technical Report.

Full text available as:  
[PowerPoint](#)

### Abstract

An ever-increasing number of e-journals are transcending the limitations of the paper medium by incorporating and integrating a wide variety of innovative electronic features and content. In this article, we examine the current evolution of the scholarly journal and review the emergence of functionalities that expand and extend the conventional electronic journal. We further explore additional e-journal enhancements and consider new forms and formats of scholarly communication likely to arise in the not-so-distant future.

**Keywords:** electronic journal; innovation, customization; multimedia; eclectic journals; object-oriented

**Subjects:** [L. Information technology and library technology](#)  
[H. Information sources, supports, channels](#)  
[I. Information treatment for information services \(Information functions and techniques\)](#)

**ID Code:** 50

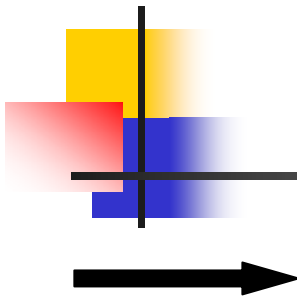
**Deposited By:** [McKiernan, Gerry](#)

**Deposited On:** 05 January 2003

**Alternative Locations:** <http://www.public.iastate.edu/~gerrymck/Eis4.ppt>

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**E is for Everything:  
The Extra-Ordinary, Evolutionary  
[e-]  
Journal**

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**WiLSWorld 2001**

***The Future's So Bright ...***

**July 27, 2001**

University of Wisconsin, Madison



“We scientists *can* exercise control of our journals. We can transform them from commercial commodities back to instruments of service to education and research. When we are in control, we fulfill our responsibility to ourselves, to society, to our institutions, and to our colleagues throughout the world.”

Michael L. Rosenzweig

Editor in Chief,

*Evolutionary Ecology Research*

Michael L. Rosenzweig, *Declaring Independence: A Guide to Creating Community-Controlled Science Journals* (Chapel Hill, NC, Washington, DC: Scholarly Publishing and Academic Resources Coalition, Triangle Research Libraries Network, 2001), 1.

Also available at: [http://www.arl.org/sparc/DI/Declaring\\_Independence.pdf](http://www.arl.org/sparc/DI/Declaring_Independence.pdf) (accessed 7 June 2002).



# REFERENCES

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- "Scholar-based Innovations in Publishing. Part I: Individual and Institutional Initiatives," *Library Hi Tech News* 20 no. 2 (March 2003): 19-26.
- "Scholar-based Innovations in Publishing. Part II: Library and Professional Initiatives," *Library Hi Tech News* 20 no. 3 (April 2003): 19-27.
- "Scholar-based Innovations in Publishing. Part III: Organizational and National Initiatives," *Library Hi Tech News* 20 no. 5 (June 2003): 15-23.
- "Open Access and Retrieval: Liberating the Scholarly Literature," in *E-Serials Management: Transitions, Trends, and Technicalities*, ed. David Fowler (Binghamton, NY: Haworth Press, Fall 2003).

THANK YOU FOR YOUR ATTENTION!



*Scholar with His Books* (1671)

Gerbrand van den Eeckhout (1621-1674)

<http://www.kfki.hu/~arthp/html/e/eckhout/>

# Scholar-based Innovations in Publishing



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<http://www.public.iastate.edu/~gerrymck/ScholarBased.ppt>



# ACKNOWLEDGEMENT

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Due to circumstances beyond my control, I was unable to attend ALA to deliver this presentation in person.

I am most grateful to Julia Blixrud, Assistant Director, Public Programs, SPARC, and fellow panelist, for presenting on my behalf.

Thanks!, Julia!

Gerry McKiernan



# REVISED FINAL

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July 4, 2003

3:00 PM