

Open Access to Research: Understanding policy, preparing for the future



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EPrints Services and Web Science Institute
University of Southampton

Online Scientific Platforms

Internet (packets)

Web (documents)

Repository (persistence)



What have we achieved with this multilayered platform in the last decade?
What scope have we for achieving new things?

Repositories

- Systems to support author-provided open access (green OA, self deposit etc)
 - EPrints, OAI-PMH 1999
 - EPrints Services 2004
- Curation, access and long term management of data assets by data providers
- Complement publisher-provided systems

The screenshot shows the University of Southampton ePrints Soton search results page. The search criteria are "Title matches 'complexity' AND Type matches any of 'PDF'". The page displays 127 results, showing the first seven. Each result includes the authors, year, title, and a PDF icon. The left sidebar contains navigation options like University Home, ePrints Soton, Policies, Latest Additions, Download Statistics, Browse by Year, Browse by Subject, Browse by School, and Login. The top right corner features the University of Southampton logo. The search bar at the top left contains the text "Search ePrints Soton" and "Advanced Search".

UNIVERSITY OF
Southampton

Search ePrints Soton
Advanced Search

University Home
ePrints Soton
Policies
Latest Additions
Download Statistics
Browse by Year
Browse by Subject
Browse by School
Login

RSS 1.0
RSS 2.0
Atom

Title matches "complexity" AND Type matches any of "PDF"

Displaying results 1 to 100 of 127.
Refine search | New search | 1 | 2 | Next

Order the results: by year (oldest first) Reorder

Export 127 results as ASCII Citation Export RSS 1.0 Atom RSS 2.0

No shelf selected [change]

1. Yeap, B.L., Wong, C.H. and Hanzo, L. (2001) [Reduced Complexity In-phase/Quadrature-phase Turbo Equalisation using Iterative Channel Estimation](#), In, *ICC2001, Helsinki, Finland, 11 - 15 Jun 2001.*, 393-397. (0 citations)
2. Yee, M.S., Yeap, B.L. and Hanzo, L. (2001) [Reduced Complexity In-phase/Quadrature-phase Turbo Equalisation Using Radial Basis Functions](#), In, *VTC 2001 (Spring), Rhodes, Greece, 06 - 09 May 2001.*, 1395-1399. (0 citations)
3. Yang, L.-L. and Hanzo, L. (2001) [Low-Complexity Erasure Insertion in Frequency-Hopping Spread-Spectrum Communications Subjected to Fading and Partial-Band Interference](#), In, *Globecom2001, San Antonio, USA.*, 796-800. (0 citations)
4. Liu, W., Weiss, S. and Hanzo, L. (2002) [Low-Complexity Frequency-Domain GSC for Broadband Beamforming](#), In, *ICSP'02, Beijing, China.*, 386-389.
5. Watson, J., Geard, N and Wiles, J. (2002) [Stability and task complexity: a neural network model of genetic assimilation](#), In, Standish, R, Bedau, M and Abbass, H (eds.) *Artificial Life VIII: Proceedings of the Eighth International Conference on Artificial Life. The Eighth International Conference on Artificial Life (Artificial Life VIII)*, MIT Press, 153.
6. Yeap, B.L., Liew, T.H. and Hanzo, L. (2002) [Reduced Complexity Turbo Equalization for Space-Time Trellis Coded Systems](#), *VTC2002, (Spring), Birmingham, Alabama, USA, 06 - 09 May 2002.*, 1689-1693.
7. Yeap, B.L., Liew, T.H. and Hanzo, L. (2002) [Reduced-Complexity I/Q Turbo Detector for Convolutional-Coding Assisted Space-Time Trellis Coding](#), In, *VTC2002 (Fall), Vancouver, Canada, 24 - 28 Sep 2002.*, 965-969. (1 citations)

Open Access Repositories & Policies



The ROARMAP Open Access Registry: New and Greatly Improved

PASTEUR40A project
Alma Swan, Stevan Harnad

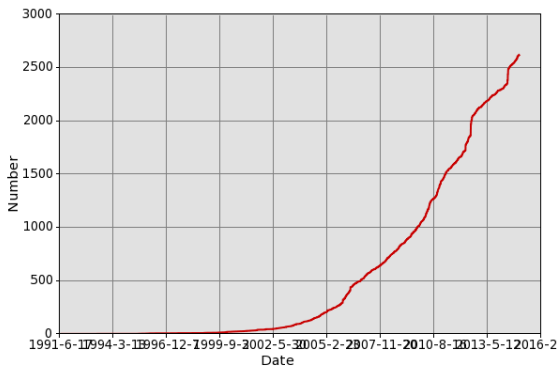
Welcome to ROARMAP

The Registry of Open Access Repositories Mandatory Archiving Policies (ROARMAP) is a searchable international registry charting the growth of open access mandates adopted by universities, research institutions and research funders that require their researchers to provide open access to their peer-reviewed research article output by depositing it in an open access repository.

Policies Adopted by Quarter

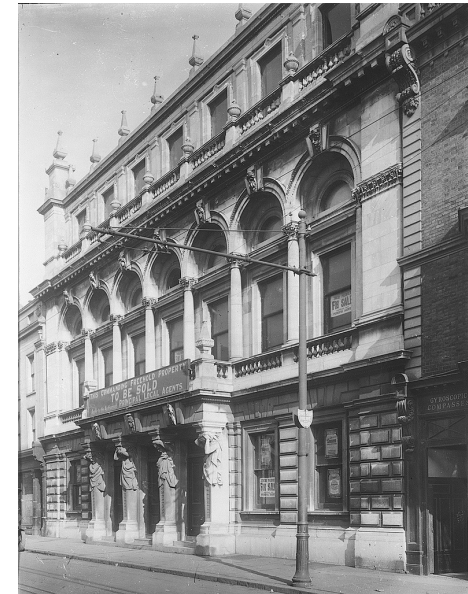
Year and Quarter	Research organisation	Funder	Sub-unit of research organisation	Funder and research organisation	Multiple research organisations	Unknown
2005-1	150	10	10	10	0	0
2005-2	150	10	10	10	0	0
2005-3	150	10	10	10	0	0
2005-4	150	10	10	10	0	0
2006-1	150	10	10	10	0	0
2006-2	150	10	10	10	0	0
2006-3	150	10	10	10	0	0
2006-4	150	10	10	10	0	0
2007-1	150	10	10	10	0	0
2007-2	150	10	10	10	0	0
2007-3	150	10	10	10	0	0
2007-4	150	10	10	10	0	0
2008-1	150	10	10	10	0	0
2008-2	150	10	10	10	0	0
2008-3	150	10	10	10	0	0
2008-4	150	10	10	10	0	0
2009-1	150	10	10	10	0	0
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2010-2	150	10	10	10	0	0
2010-3	150	10	10	10	0	0
2010-4	150	10	10	10	0	0
2011-1	150	10	10	10	0	0
2011-2	150	10	10	10	0	0
2011-3	150	10	10	10	0	0
2011-4	150	10	10	10	0	0
2012-1	150	10	10	10	0	0
2012-2	150	10	10	10	0	0
2012-3	150	10	10	10	0	0
2012-4	150	10	10	10	0	0
2013-1	150	10	10	10	0	0
2013-2	150	10	10	10	0	0
2013-3	150	10	10	10	0	0
2013-4	150	10	10	10	0	0
2014-1	150	10	10	10	0	0
2014-2	150	10	10	10	0	0
2014-3	150	10	10	10	0	0
2014-4	150	10	10	10	0	0
2015-1	150	10	10	10	0	0
2015-2	150	10	10	10	0	0

ROARMAP is powered by [EPrints 3](#) which is developed by the [School of Electronics and Computer Science](#) at the University of Southampton. [More information and software credits.](#)



*Repositories over time:
 now more than 2,500*

Universities & Innovation



England

Bologna

Oxford

Cambridge

Glasgow

Great Britain
Journals

United Kingdom
Southampton

European Union
EPSRC
JISC

900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000

↑ PC, Internet, Email, DTP, Web, mobile, MOOCs

Beginning of the Web

- Developed at Central European Nuclear Research facility by high energy physicists
- In 1989 the Web established itself in CERN, then international academia, industry and the rest of the world



Are we all going to die next Wednesday?

Two nightmare scenarios, two ends of the world. In the first, there is little warning. For maybe a month there would be no sign that life was about to come to an abrupt and nasty end for all living things on Earth.

Then, earthquakes would start unexpectedly, alerting geologists that something terrible, unimaginable, was amiss.

After a few days, these seismic disturbances would reach catastrophic proportions.

Cities would be levelled, the oceans would rise and wash in a series of mega-tsunamis that would attack the world's coasts, killing millions.



Is the end of the world nigh? Doom-mongers fear the consequences of scientists replicating the Big Bang

The fact that the earthquakes were striking randomly, not along well-known geological faultlines, would be proof that

Site Web



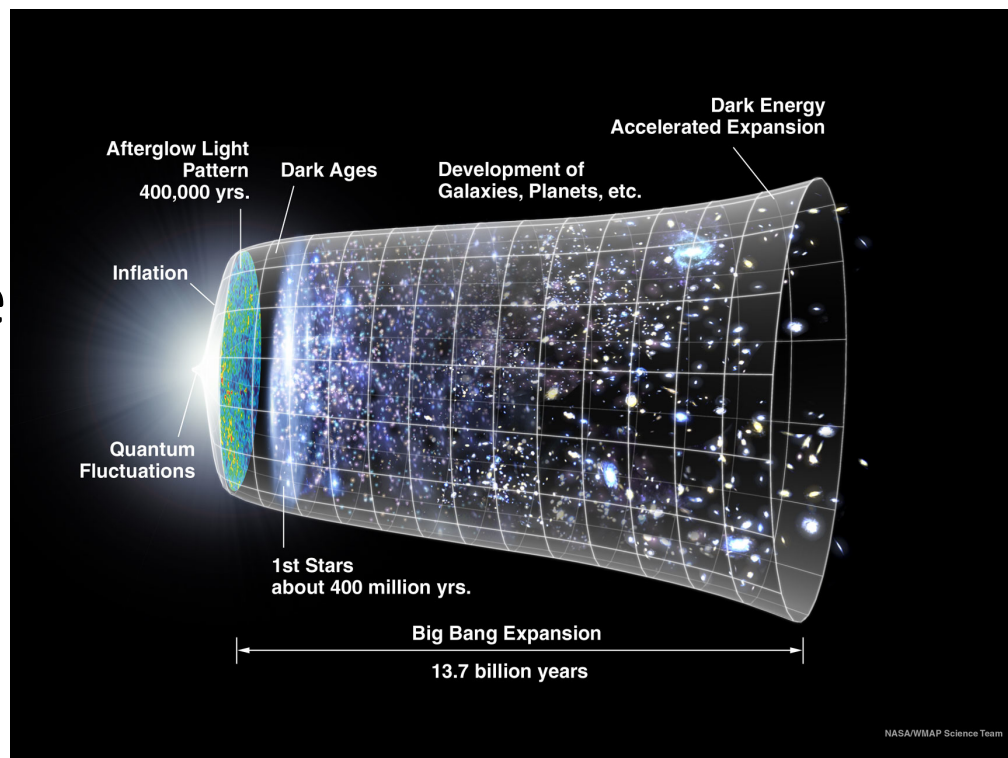
Today's headlines

- ▶ **Saved from the brink of bison and eagles among made a remarkable com years**
- ▶ China lifts ban on Facebook living in a 17 square mile
- ▶ **Going for gold too? Samsung golden Galaxy S4 hand: Apple launched 'champ**
- ▶ The map that shows where from air pollution (and it's in Asia and Eastern Europe)
- ▶ **Have scientists accident lightsaber? New form of has only ever been seen**
- ▶ Scousers have the 'least trustworthy' accent - while friendliest
- ▶ **Mystery of the 2,500-year-old found in Bulgaria that says were buried standing up**
- ▶ Retail therapy really DOES shop could be triggered by
- ▶ **'Jesus was the first person claims the idea of Twitter because Christ's sermon meaning'**
- ▶ How that friendly slap on the Patting someone on the shoulder likely to help you
- ▶ **How 3,000 year age of a simple equation: Scientists can predict historical trends**
- ▶ Hate laundry? World's first make it a thing of the past out £850
- ▶ **The clues found near Mesopotamia that suggest Jews and worshipped together**
- ▶ How size matters even in Fossils of penis bones suggest

Remember These Headlines?

Expansion of the Web

- The Web spread the conditions of its initial creation throughout the whole of society as it underwent an initial inflationary phase.
- The academy has
 - government patronage
 - large-scale co-operation
 - sharing of intellectual property with others



This is not like other areas of society – e.g. media, industry, commerce.

Openness Agendas



- Open Access to Research Outputs
 - Supported by all Research Councils
 - Heavily promoted by JISC
- Open Research Data
 - Move from closed VRE / EScience environment
 - To open (able) data
- Open Educational Resources
 - Move from “Learning Objects” to “Learning Resources” via Open Access practice and methodology
 - Move from closed VLEs to sharing resources
 - All underpinned by active preservation and curation policies and workflows

Open Scientific Data

A repository of chemical data. Scientific, not bibliographic, metadata.

JISC EBank project (2003)

Run by the UK Crystallographic Service and latterly an international consortium.

eCrystals
Home | About | Browse by Year | Browse by People | Login | Create Account
University of Southampton

(6-Thien-2-ylpyrid-3-yl)methanol Search

Sample Originator: Donated Sample^a
Data Collection: Susanne L. Huth^b and Michael B. Hursthouse^b
Structure Determination: Susanne L. Huth^b
Sample kindly provided by Maybridge^a
University of Southampton^b
C₁₀H₉NOS
InChI=1/C10H9NOS/c12-7-8-3-4-9(11-6-8)10-2-1-5-13-10/h1-6,12H,7H2

Identification Number: 10.3737/ecrystals.chem.soton.ac.uk/373
Date Created: 09 July 2007
Deposited On: 31 Jan 2008 13:08
Deposited By: Ms L.S. Huth

Depositor Comments
More information about this compound can be found at:
<http://www.maybridge.com/>

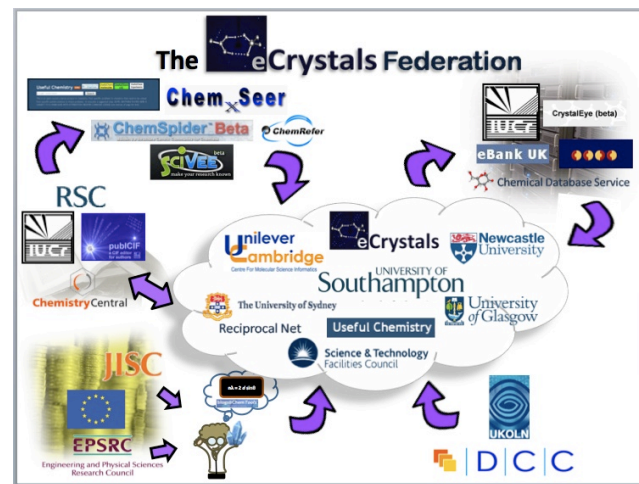
Data collection parameters

Chemical formula	C10 H9 N O S
Crystallisation Solvent	
Crystal morphology	Needle
Crystal system	Orthorhombic

Available Files

Final Result	
2007may0014.cif	11k
2007may0014.cml	3k
2007may0014.fcf	99k
Validation	
2007may0014_checkcif.htm	8k
Refinement	
2007may0014.res	4k
2007may0014_xl.lst	30k

Jmol



Open Arts Data

- JISC KULTUR consortium of universities and art colleges
 - In a *no publication* environment

UAL Research Online

Advanced Search

Sample Works

Williams, Keir (2008) *Digital is dangerous debate: digital vs analogue*, [Creative Arts and Design > Fine Art (telephony classified)]

University Home About UAL News & Events Showtime

University of the Arts London

Home Browse Latest About Policies Login

I am Not What I am: The Taming of the Shrew and Twelfth Night. [Performance] [Creative Arts and Design > Stage Design] [Wardrobe Design]

Advanced Search

Images Documents Details

12th Night: a coloured stock

12th Night: Andrew & Toby & Zany

12th Night: Andrew baking

12th Night: Andrew's hideout

12th Night: Andrew's jig

12th Night: Antonio at gunpoint

12th Night: bedchamber

12th Night: boxing ring

12th Night: Ezze & Zany

Browse collection by

Year

College/Collection

Subject

Creator

Projects

Latest items

Lewis, Mark (2009)

Jeff Wall - Photographer.

In: Jeff Wall - The Complete Edition. Phaidon

University of the Arts London

Advanced Search

Michael Pavella: The Taming of the Shrew and Twelfth Night. [Performance] [Creative Arts and Design > Stage Design] [Wardrobe Design]

Documents Details

Michael Pavella

I am Not What I am? This project presents the uniquely tailored productions of 'The Taming of the Shrew' and 'Twelfth Night', two Shakespearean texts exploring misread identities, transformation and irony, and addresses the cartographic changes between these two thematically linked plays, and how acts of performance reality and technique can be supported or enhanced by visual and structural choices.

led by 'Propeller', the company Pavella co-founded with Edward Hall (1997), which aims to mix a lean approach to the text with energy and speed. The designs Pavella created in his role as production designer and costume support the collage of narrative lines to facilitate compression of story-time and integrated frameworks for the physical performances characteristic of 'Propeller', such as 'The Taming of the Shrew' by a 'hard' dress and long occupants. Biographic detail reference movies like Alan Resnais' 'Anne Karoline & Marlene' (1965) and Tim Burton's 'The Corpse Bride' (2005) performed at the RSC, as part of their 'Complete Works' season (2007) at the Caryl Chessel Theatre with our 'Shrew' productions have been performed, often as a double bill, in a season at the Old Vic, London Touring Company, North America (including a residency at Brooklyn Academy of Music, New York), Hong Kong (2007) and Perth, Australia (2007).

Using in series rather than simultaneously, the design research and to some extent execution, pre-rehearsal development. The design process incorporates an appraisal of the motifs between the two and the physical discipline of making two variant design adaptations for conflicting configurations of format, both here and abroad. The latter employment of 3D modelling was assessed in order to gauge precision and flexibility under these testing conditions.

Name
Hall, Edward
(Hull, Norman, Roger)
Home
UAL Arts and Design > Stage Design
UAL Arts and Design > Theatre Design
UAL Arts and Design > Theatrical Wardrobe Design
UAL > Westminster College of Art

Why Michael Pavella is an award-winning international scenographer who has designed over 150 shows worldwide, many of which have been new plays or new musicals. His Midsummer Night's Dream and Twelfth Night both won Manchester Evening Standard Awards for Best Production and Best Design (Stage). 'Twelfth Night' (a two-part adaptation of Shakespeare's Henry VI trilogy) won the 2002 Best of the Award for Best Touring Production and (in a later production at the Chicago Shakespeare Company) the 2008 Best of the Award for Best Production.

Capturing artistic experimentation & performance vs capturing scientific experimentation

Open Educational Resources

- EdShare
- Applying community openness within the profession...
- and to learners

The screenshot displays the EdShare website interface. At the top, the 'EdShare' logo is on the left, and the 'University of Southampton' logo is on the right. Below the logos is a navigation bar with links for 'Home', 'Browse', 'About', and 'Help'. A search bar is located on the right side of the navigation bar, with a 'Search' button and a link to 'Advanced search'. Below the navigation bar is a secondary navigation bar with links for 'Profile', 'Share manager', 'Bookmarks', 'Saved searches', and 'Logout'. The main content area features a poster titled 'Posters for Web Science DTC Industrial Day'. The poster is titled 'What are the actual effects of Enterprise 2.0?' and is attributed to Mark Schueller. The poster content includes sections for 'Origins of social software', 'Enterprise 2.0 Typology', 'Research methods', and 'Theoretic framework'. Below the poster is a list of related items, including 'Mark Schueller poster.pptx', 'Sarah Khan poster.ppt', 'Michael Yip poster.pdf', and 'Mike Santer.pptx'. On the right side of the interface, there is a 'Description' section, an 'Advice for reuse' section, a 'Share details' section, and a 'Toolbox' section. The 'Share details' section includes information about the user 'Dr Leslie Carr', the date '16 Feb 2010 13:37', the creators 'Leslie Carr, Catherine Pope', the tags 'Web science' and 'World', the link 'http://www.edshare.soton.ac.uk/4790/', and the download count 'Downloads:'. The 'Toolbox' section includes options to 'Edit item', 'Bookmark this item', 'Download as zip', and 'Use as template'.

EdShare University of Southampton

Home Browse About Help Search... Search Advanced search

Profile Share manager Bookmarks Saved searches Logout

Posters for Web Science DTC Industrial Day

What are the actual effects of Enterprise 2.0?
Enterprise 2.0 defined: IP-enabled social software used in organizational settings.

Origins of social software
In recent years an increased reliance on new technologies has led to the widespread application of social networking and related concepts and applications. This has led to the development of Enterprise 2.0.

Enterprise 2.0 Typology
Enterprise applications are a broad range of use cases, employing various technologies and capable of supporting various types of work and applications and can thus follow a range of models.

Research methods
This investigation will involve several case studies, making use of both qualitative and quantitative research methods, including longitudinal case studies, semi-structured interviews, and social network analysis.

The hype and the question
A high and growing amount of attention and hype surrounds Enterprise 2.0, and the question of how to best manage this attention and hype is a key challenge for organizations. This paper will explore the hype and the question of how to best manage this attention and hype.

Theoretic framework
This investigation will use the Organization Theory as a framework to explore the impact of Enterprise 2.0 on organizations and to explore the impact of Enterprise 2.0 on organizations. It will also explore the impact of Enterprise 2.0 on organizations.

Mark Schueller (ms20@ecs.soton.ac.uk)

Mark Schueller poster.pptx Microsoft PowerPoint Download

Sarah Khan poster.ppt Microsoft PowerPoint Download

Michael Yip poster.pdf PDF Download

Mike Santer.pptx Microsoft PowerPoint Download

Description
These posters were created by Web Science MSc and PhD students as a discussion point with representatives from the DTC Industrial Advisory Group.

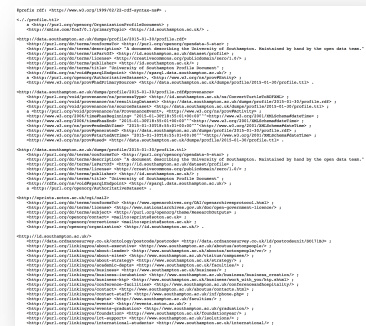
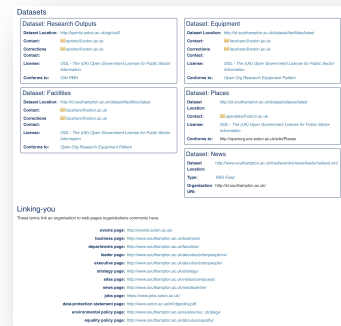
Advice for reuse
These posters are shared in order to facilitate ongoing discussions between the students, the DTC faculty and Industry.

Share details
Added By: Dr Leslie Carr
Added On: 16 Feb 2010 13:37
Creators: Leslie Carr, Catherine Pope
Tags: Web science, World
Viewing permissions:
Link: <http://www.edshare.soton.ac.uk/4790/>
Downloads:

Toolbox
Edit item
Bookmark this item
Download as zip
Use as template

Beyond OA Agendas: Data Driven Universities

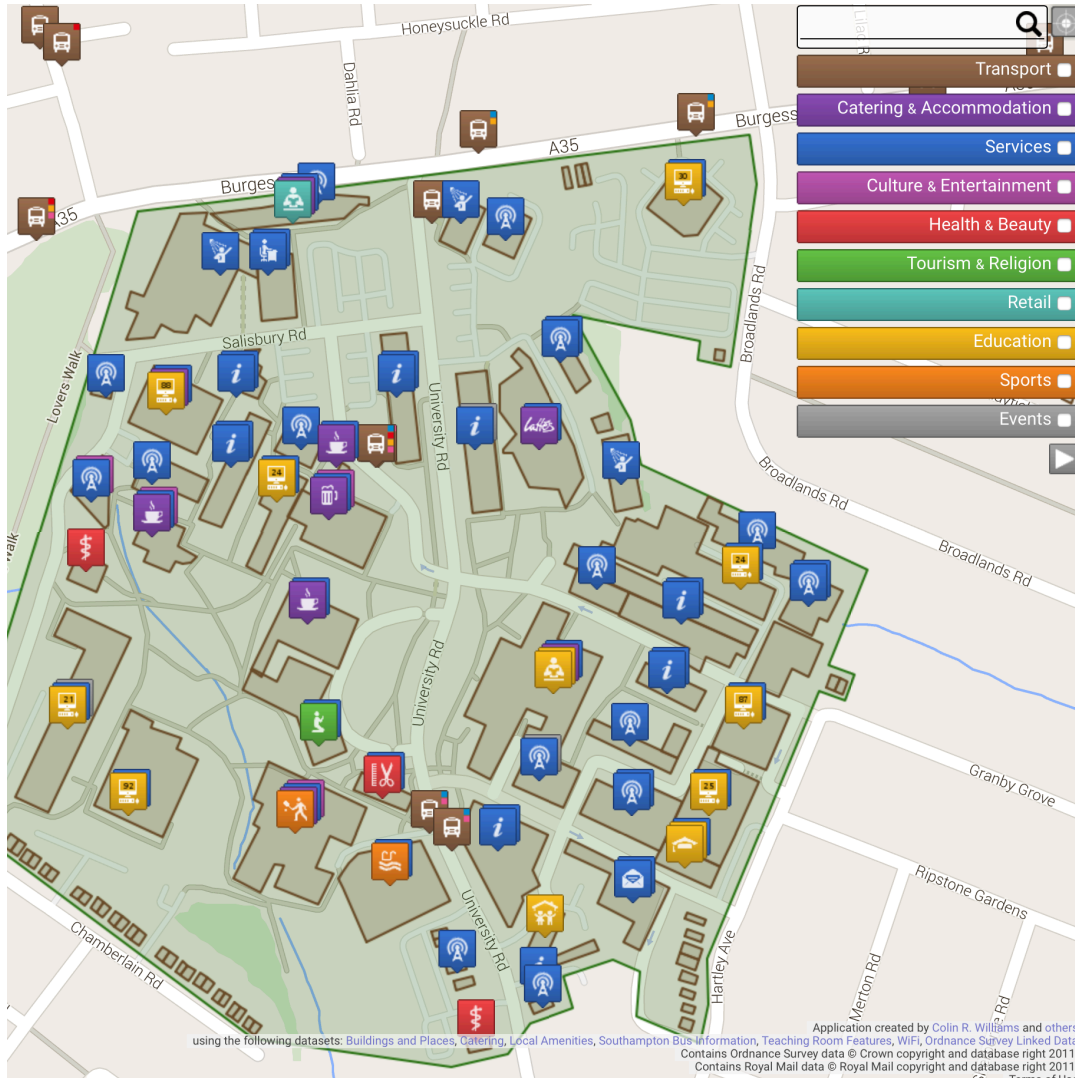
- Open standard datasets describing Universities
 - Organisational profiles opd.data.ac.uk
 - Research outputs, equipment, facilities, places
 - strategies, policies, events, applications, prospectuses



Working with DCC on the UK
Research Data Discovery
Service project



Compliance, transparency



```

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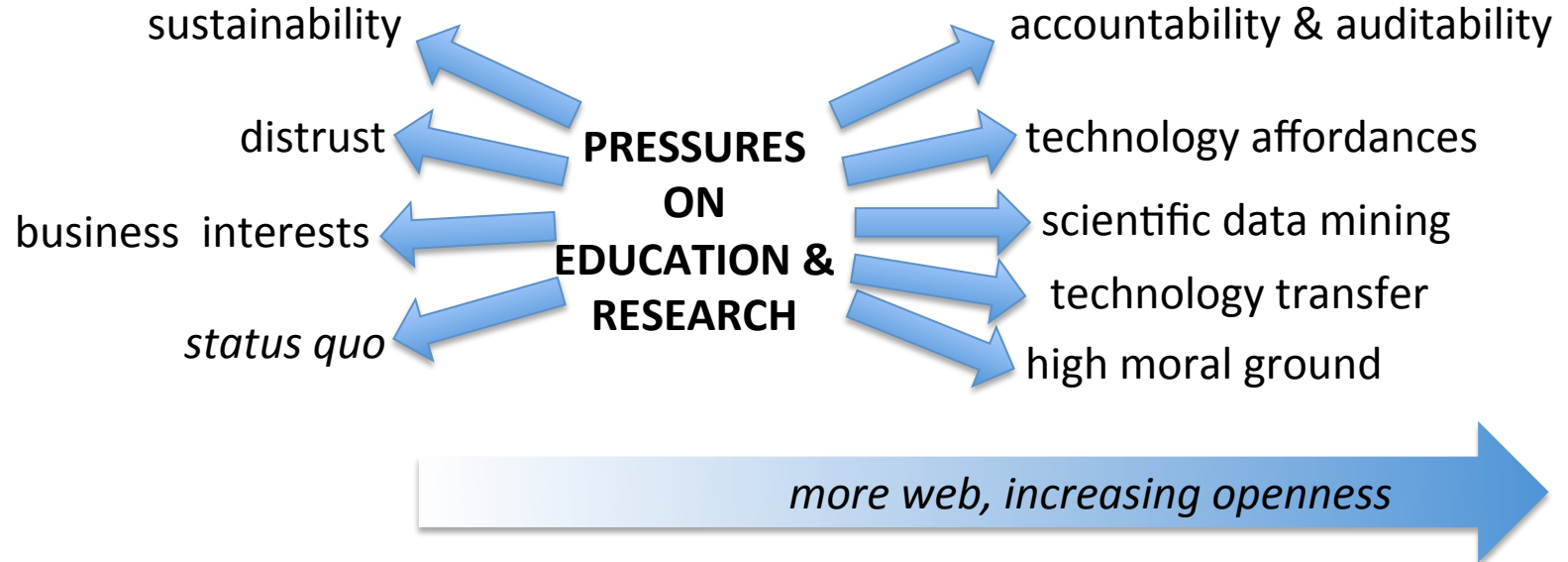
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  <http://www.w3.org/ns/prov#endedAtTime> "2015-02-25T23:37:08+00:00"^^<http://www.w3.org/2006/time#hasEnd> ;
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  <http://www.w3.org/ns/prov#endedAtTime> "2015-02-25T23:37:08+00:00"^^<http://www.w3.org/2006/time#hasEnd> ;
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  <http://data.southampton.ac.uk/dumps/facilities/2015-02-25/images.private> ;
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Buildings, sensors, energy consumption, buses, canteen menus, allergens

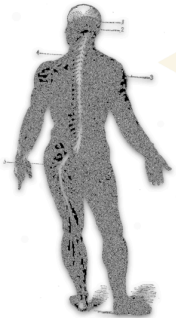
Directions for Academics



- MOOCs, Open Science, Open Data, Open Educational Resources
 - Web Technology joins the High Moral Ground
- vs the established economic model for ensuring continuity of information production
 - trading of privately held information through payment and subscription products such as journals or magazines

Directions for Businesses

The key commercial differentiating advantage of the web:
It's porous.



1 NETWORKED

The web is us, dummy.



2 SEAMLESS

No structural barriers.



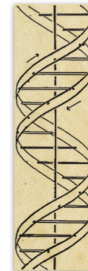
3 OPEN

Social engagement and consensus. Led by users.



4 COMPELLING

Don't be dull or merely important.



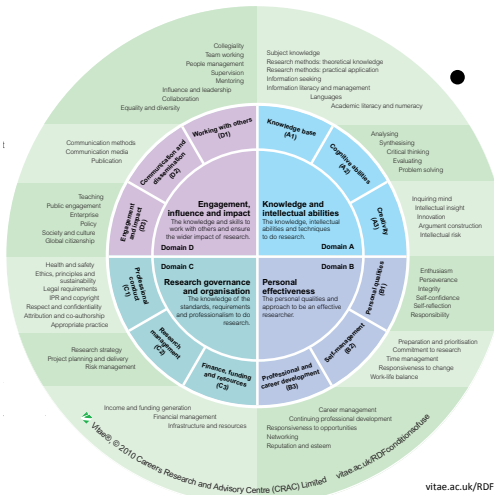
5 PURPOSE BEYOND PROFIT

Multidimensional value

The Web helps us to break down external and internal barriers

Graduate Education

- Higher education is more than
 - Acquiring advanced knowledge
 - Acquiring advanced skills



- It is also
 - Acquiring a leadership position within the digital economy
 - By a mentored program of networked industry engagements/relationships

- Don't just write a thesis, form an impressive network and take advantage of it



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28 October 15 December

1 2 3 4 5 6 7

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Concluding Remarks

- Maximising openness **and the benefits of openness**
 - linking grant information in EPrints using funding info from Gateway to Research
 - ORCID pilots for identity management
 - enhancing capacity as data repository
 - linking publications to use of equipment via DCC Research Data Discovery Service
- investment in linking our well managed institutional systems to national discovery infrastructure is important
 - cf recent BIS science and innovation strategy “keeping UK research at the leading edge”
- funders’ OA policies – confusing/ seemingly conflicting requirements – becoming too hard to do the right thing even if you wanted to
- “managing oa” - clue is in the phrase - it is needing a lot more managing, gold payment processes complex, compliance checks complex – “gold” seems to refer to the costs, not the benefits!

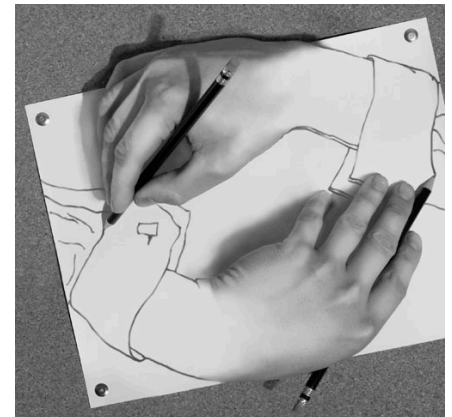
Universities = Knowledge Activities + Knowledgeable People + Praxis

- The Web isn't a thing but an activity
 - the creation of a network of information by a network of individuals.
- The Web wasn't invented by Tim Berners-Lee,
 - it is being invented by all of us as we gradually adapt our tools and change our practice.

The web both *shapes* and *is shaped by* society.

There is a gap between the 'script' proposed by a technology and what it actually becomes in practice.

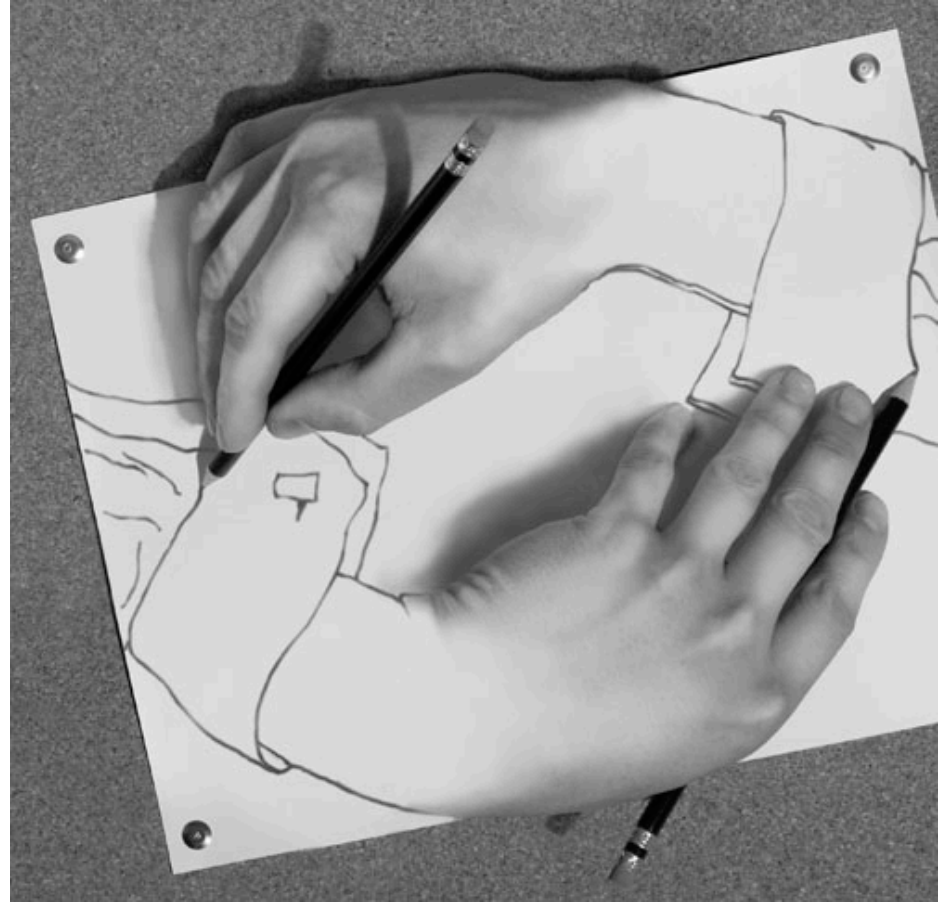
Co-constitution



Mediating New Practice

Not just enforcing historic norms, but stimulating new practice to emerge

- Copyright
- Openness
- Intellectual Property
- Privacy
- Creativity
- Science 2.0



Best Practice from the team

- Bend over backwards to engage and support your academic community -- your repository is only as strong as their engagement with it.
 - make the repository provide added value for them (e.g. profile page lists, preservation, usage stats, request a copy),
 - make the barriers to deposit as low as possible (outreach, training, well-staffed support team)
 - make management on how the repository supports reporting and compliance
- Understand the core mission of the repository
 - any increase in system complexity should be in support of that.
- Engage with the wider repository community
 - They're a friendly bunch fighting the same fight.
- If you're fortunate enough to have a techie invested in the project, involve them from the start.
- Identify people in your academic champions and engage with them.
 - They will promote the repository for you.
- If the project team are enthusiastic about what the repository is and does, amazing things can happen.