DSpace-CRIS: an Open Source Solution for Research

Michele Mennielli, Andrea Bollini, Susanna Mornati
Talking about

- Cineca in a nutshell
- The Research Area
- DSpace-CRIS: Open Source CRIS system
Cineca: the Consortium

Not for Profit

Founded in 1969

HPC
FERMI: TOP500
EURORA: TOP GREEN500

IS
500 applications
All Italian Universities
Ministry of Higher Ed

75 Members

>900 employees
Supporting the Academic System

National Processes

- Planning & Promoting Education
- National Research Assessment Exercise
- National Research Grants Delivery
- Financial Control On Univ
- Annual Public Funds Delivery

Local Processes

- Student Management
- Course Management
- Research Management
- Governance Control

The Italian Academic System

Supporting the Academic System

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Installations in Italy

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Talking about

- Cineca in a nutshell
- Cineca & the Research Area
- DSpace-CRIS: Open Source System
International Activities & Research

Sharing our experience

- DuraSpace
- Pentaho
- OpenAIRE
- NOAD
- Open Access in Europe
- Advisory Board
- Open Source BI solution
- Board Member
- CERIF TG
- Architecture TG
- DRIS-Best Practice TG
- Steering Committee
- 2 DSpace Committers
- DSpace-CRIS
- DSpace Registered Service Provider

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Some numbers

- 46 Universities (U-GOV RI)
- > 1.5 Million Research Publications
- 9 Universities (SURplus)
- 10 New Installations (IRIS)
- 18 Universities Abroad (IRIS & DSpace-CRIS)
The institution’s perspective

Collect institutional research output for evaluation and assessment purposes

Measure research results for benchmarking

Disseminate data to enhance impact and visibility

Preserve ICT investments and maximize ROI
The IT’s perspective

**Research Governance**: business processes, management, reporting, integration

**Institutional Repository**: Publications and Research Data

**CRIS**: people, units, projects, interactions, reputation, cooperation, dissemination
The Cineca’s perspective

Open Source

DSpace extended to the CERIF entities
(People | Units | Projects | etc.)

Institutional Repository

To better support:
Interactions
Reputation
Dissemination

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Talking about

• Cineca in a nutshell

• The Research Area

• **DSpace-CRIS: Open Source CRIS system**
DSpace-CRIS around the World

>20 Installations (the 5 Continents and the World Health Organisation)

Support of all DSpace versions accepted by the Community

Free download available at: github.com/Cineca/dspace-cris/

The History of DSpace-CRIS

CINECA is a registered service provider at DuraSpace

Long-term collaboration with DSpace community (Committer Group)

Hong Kong University: from DSpace IR to CRIS (2009) – the HUB

- Nov. 2012: First release: DSpace 1.8.2
- June 2013: Second release: - DSpace 1.8.2 - Fix Release 1.8.2
- Aug. 2013: Upgrade release: - DSpace 1.8.3 - Security fix
- Sept. 2013: First release (beta): - DSpace 3.2
- Jan. 2014: Technical documentation
- June 2014: Release DSpace 4.1
- Nov. 2014: Final release DSpace 4.2
DSpace-CRIS Data model

Standard Dspace --> publications & dataset

DSpace-CRIS --> other CERIF entities:

- /ResearcherPage
- /Project
- /OrgUnit
- /2nd Level Dynamic Object
Case Study #1: the HKU HUB

The HKU Scholars Hub is the institutional repository of The University of Hong Kong. As a key vehicle of HKU’s Knowledge Exchange Initiative, The Hub strives to make HKU authors and their research very visible, with the goal of increasing all forms of collaboration.

QUICK SEARCH OF THE HUB

Search the author, title, abstract and series fields.

HUB NEWS

Jun 2012: HKU Knowledge Exchange: Non-Academic Prize awarded to David Palmer and the Hub Team, for their success in making HKU research and scholars highly visible. Go Team!

Apr 2012: DOI numbers added to each of the 19,750 HKU theses. Increased discovery and statistics.

Feb 2012: New design and software for the Hub.

RELEVANT LINKS

- HKU’s Top 1%
- HKU Authors: OA Publishing
- Usage Stats & Downloads
- HKU most cited articles in Scopus
- HKU research on Web of Science
- HKU Research & Scholarship
- HKU Libraries OA Policy
- HK Open Access Committee
- Open Access Tracking Project
HKU-HUB: the Researcher
HKU-HUB: the Network

Bacon-Shone, John Hugh / Palmer, David Townsend

1. The Open Access Advantage Revisited
   Increase Your Impact - How to make your research more visible and have more impact through placing your papers in Open Access and optimizing your pages in The HKU Scholars Hub

2. The Open Access Advantage

3. Open Access@HKU: Developments to Date

Research Facets
- Co-authored publications: 4
- Keywords (publications): 13

AND
Cognate Researcher
Mr Palmer, David Townsend
Associate University Librarian (Digital Strategies & Technical Services)
Dept: University Libraries

SHARE
HKU-HUB: the Publications

Title
Longitudinal assessment of community psychobehavioral responses during and after the 2003 outbreak of severe acute respiratory syndrome in Hong Kong

Authors
Leung, GM ▼
Ho, LM ▼
Chan, SKK ▼
Ho, SY ▼
Bacon-Shone, J ▼
Choy, RYL ▼
Hedley, AJ ▼
Lam, TH ▼
Fielding, R ▼

Issue Date
2005

Publisher
Oxford University Press. The Journal's web site is located at http://www.oxfordjournals.org/jour_journals/cd/

Citation
Clinical Infectious Diseases, 2005, v. 40 n. 12, p. 1713-1720 [How to Cite?]
DOI: http://dx.doi.org/10.1086/429923

Abstract
Background. In previous literature, the stability and temporal evolution of psychobehavioral responses to an outbreak remained undefined, because of the exclusively cross-sectional nature of such study designs. Methods. Using random-digit dialing, we sampled 4481 Hong Kong residents in 8 population-based surveys that were conducted at different times during and after the 2003 outbreak of severe acute respiratory syndrome (SARS). Results. Respondents' State- Trait Anxiety Inventory score (range, 10-40) showed a decreasing temporal trend, from a high mean value of 24.8 during the peak of the Amoy Gardens outbreak to a postepidemic mean baseline value of 14.5. Those who perceived a higher likelihood of contracting or dying of SARS had significantly higher anxiety scores. Female respondents, individuals aged 30-49 years, and individuals with only a primary education or less were predisposed to greater anxiety. There was a positive dose-response gradient between anxiety level and uptake of personal protective measures. Males respondents, individuals at the extremes of age, and individuals with lower educational levels were less likely to engage in self-protective behavior. The presence of symptoms was the only consistent predictor for greater use of health services. There was remarkable stability in the magnitude and direction of associations between predictors and outcomes over time. Conclusions. Our findings can assist in modifying public service announcements in...
DSpace-CRIS latest releases

It is possible to (public API):

- Login through ORCID*;
- Claim profile through ORCID;
- Register/Associate an ORCID to your own DSpace-CRIS profile

* Authentication code is based on the work found on DSpace 5 and Dryad project
Welcome to the euroCRIS DSpace CRIS digital repository

The euroCRIS DSpace CRIS is the digital portal where outputs from all euroCRIS discussion and dissemination activities are stored and offered free access from. These include among others euroCRIS membership meetings, strategic seminars and CRIS Conferences, together with the outputs of the different euroCRIS Task Group activities.

The underlying open source DSpace CRIS platform combines the agile open access content management provided by DSpace with additional CERIF-compliant CRIS features (CRIS: Current Research Information System) built on top.

Recently submitted entries include:

Maximizing Research Impact through Institutional and National Open-Access Self-Archiving Mandates

Platform upgraded! News DSpace-CRIS 4.2.0

Following the move of the system to the Cineca servers, we are delighted to announce the upgrade of the system to the new version of DSpace-CRIS 4.2.0. Among other technical improvements this version includes a full revised

- Look & Feel
DSpace-CRIS for euroCRIS

Highlight CRIS database macro areas

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Projects & Events

Activities

Publications

Recent Submissions

Maximizing Research Impact through Institutional and National Open-Access Self-Archiving Mandates

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- Look & Feel
DSpace-CRIS for euroCRIS

Allow end-user interaction

Platform upgraded! News DSpace-CRIS 4.2.0

DSpace-CRIS was upgraded to version 4.2.0. Among other features, it includes a full revised

- CERIF Semantics
- DRIS and members directories.

The new version will be presented this week at the Strategic euroCRIS Meeting in Amsterdam. Enjoy!

Tweets

Nikos Houssos @nhoussos
euroCRIS membership meeting at Amsterdam starting today. Great programme, record attendance. linkedin/d65rge3 #eurocris #cerif

Pablo de Castro @poastromartin
at #DANS Den Haag this morning for the @euroCRIS_Org Board meeting ahead of the Adam event tomorrow. bit.ly/1uURfj

Kudos @GrowKudos
Looking forward to attending our first @euroCRIS_Org meeting and learning more about Current Research Information Systems.
Why should you be interested?
DSpace-CRIS & ORCID

Bollini, Andrea

- **Academic name:** Bollini, Andrea
- **Also known as:** Bollini, A

**Title:** Project Manager, IT Architect & Systems Integrator at CINECA

**Affiliation**
- **Role:** Group Leader, CINECA
- **Start date:** 01-07-2013
- **Role:** Member, CERIF TG
- **Start date:** 01-01-2013

**Keywords:** JAVA, Open Source Software

**ORCID:** 0000-0002-9029-1854

**Websites:** LinkedIn
DSpace-CRIS & ORCID

Claim Profile through ORCID
DSpace-CRIS & ORCID

Claim Researcher Page
Check the encrypted string of this email, put the correct string in the box below and click "go" to validate the email and claim this profile.

Email: a.b***@*****a.it

Login via ORCID to claim this profile:

ID

Keywords: JAVA
Open Source
Software

ORCID: 0000-0002-0029-1854

Websites: LinkedIn
DSpace-CRIS & ORCID

Claim Researcher Profile
The European CRIS Network

Check the encrypted string from the email and click “go” to validate the email.

Email: a.b.****@example.com

Login via ORCID

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The user has asked for the following access to your ORCID Record:

Get your ORCID iD

This application will not be able to see your ORCID password, or other private info in your ORCID Record. Privacy Policy.

Don't have an ORCID iD? Register.

Email or iD

Password

Forgotten password?

Deny  Authorize
DSpace-CRIS: importing BIO info
DSpace-CRIS e ORCID: next steps (I)

With the collaboration of The Hong Kong University (HKU) and The Hong Kong Polythecnic University

DSpace-CRIS 4.3.1 → DSpace-CRIS 5.1.1 (June ‘15)

**PUSH** — services (members API)

DSpace-CRIS 5.1.2 (end ‘15)

**Advanced PULL** — services (members&premium API)
DSpace-CRIS e ORCID: next steps (2)

- **Research**’s bibliographic data
  (including the possibility to activate synchronisation for single field)
- **Publications**
  (with the possibility to chose the publications to sync)
- **Projects**
  (with the possibility to chose which projects to sync)

Propose to **import records** in DSpace-CRIS when login-in looking to the Researcher’ s ORCID profile
  
  Or

Automatically (notification and preferences allowed) when **ORCID premium membership** is available
Our Vision
Thank you for the attention

Michele Mennielli
m.mennielli@cineca.it
michele.mennielli
@micmenn