



DSpace-CRIS: an Open Source Solution for Research

Michele Mennielli, Andrea Bollini,
Susanna Mornati



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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

75 Members

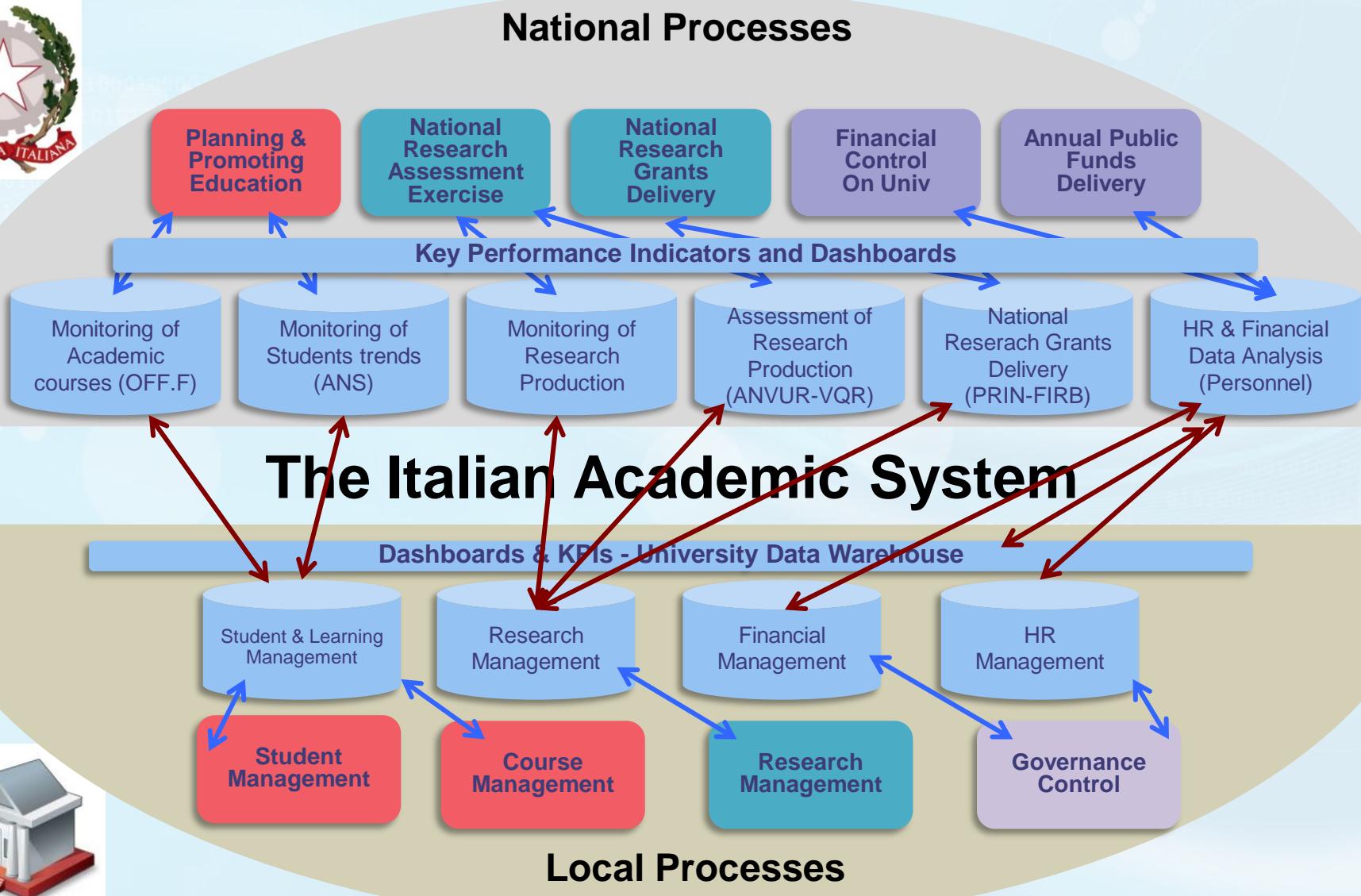
IS

500 applications
All Italian Universities
Ministry of Higher Ed

>900 employees

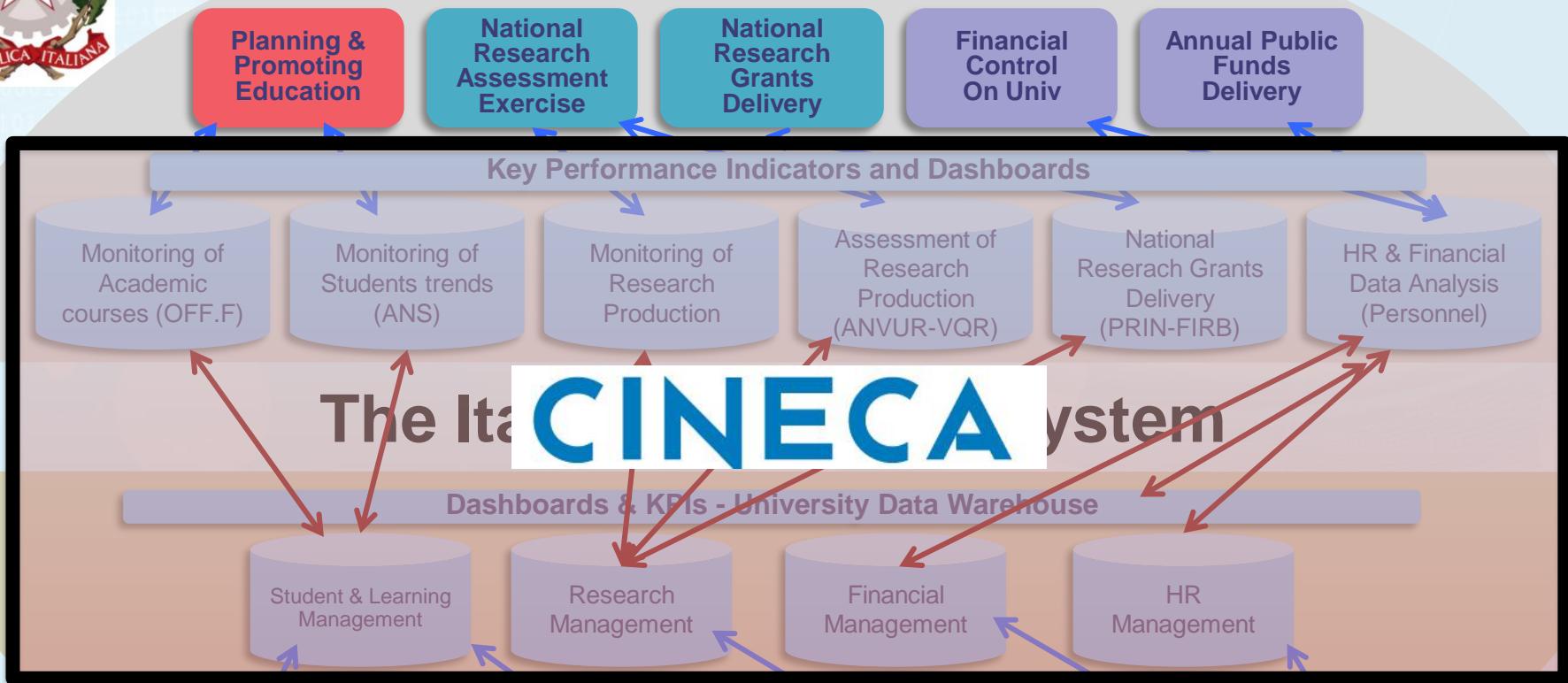


Supporting the Academic System



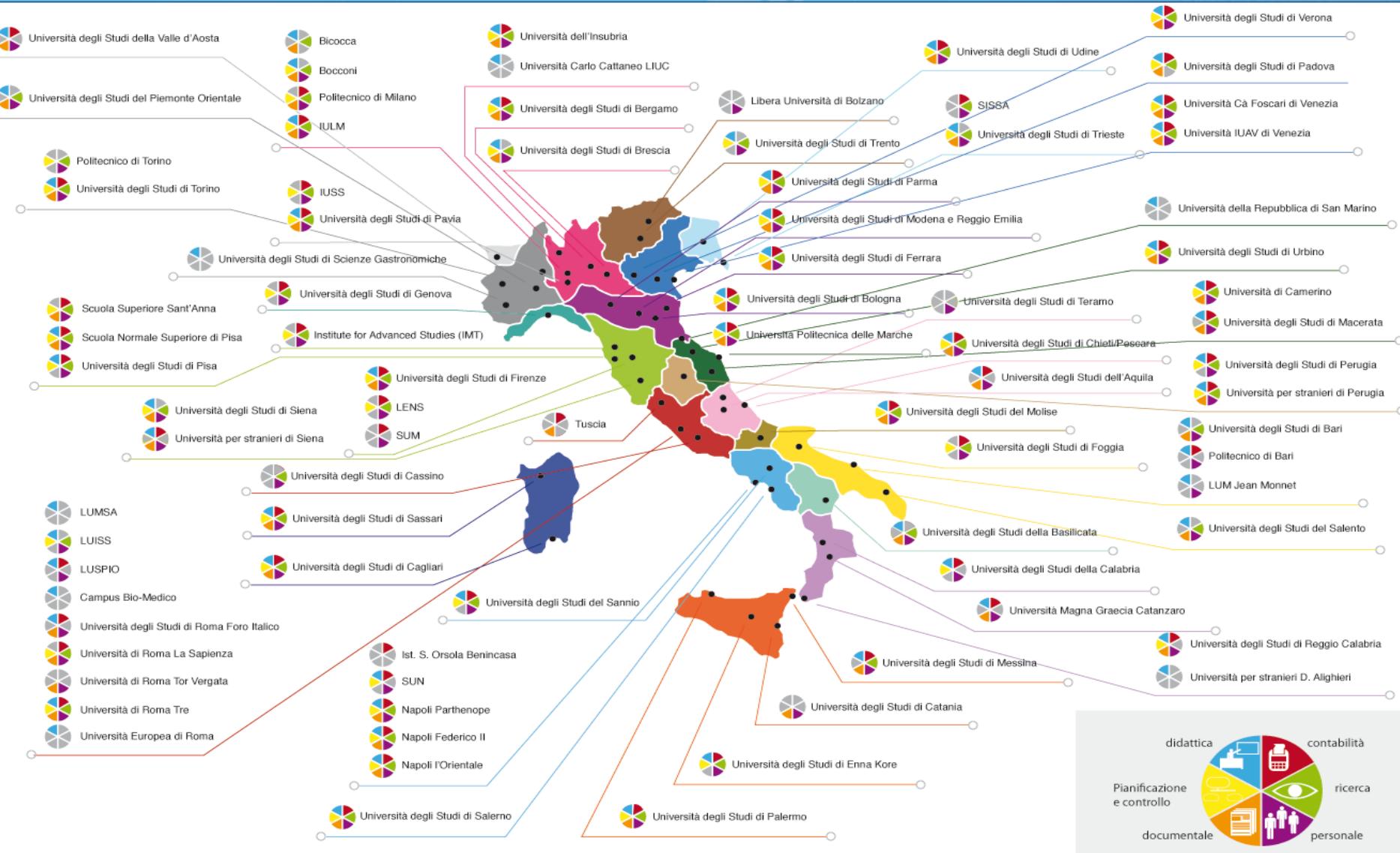
Supporting the Academic System

National Processes



Local Processes

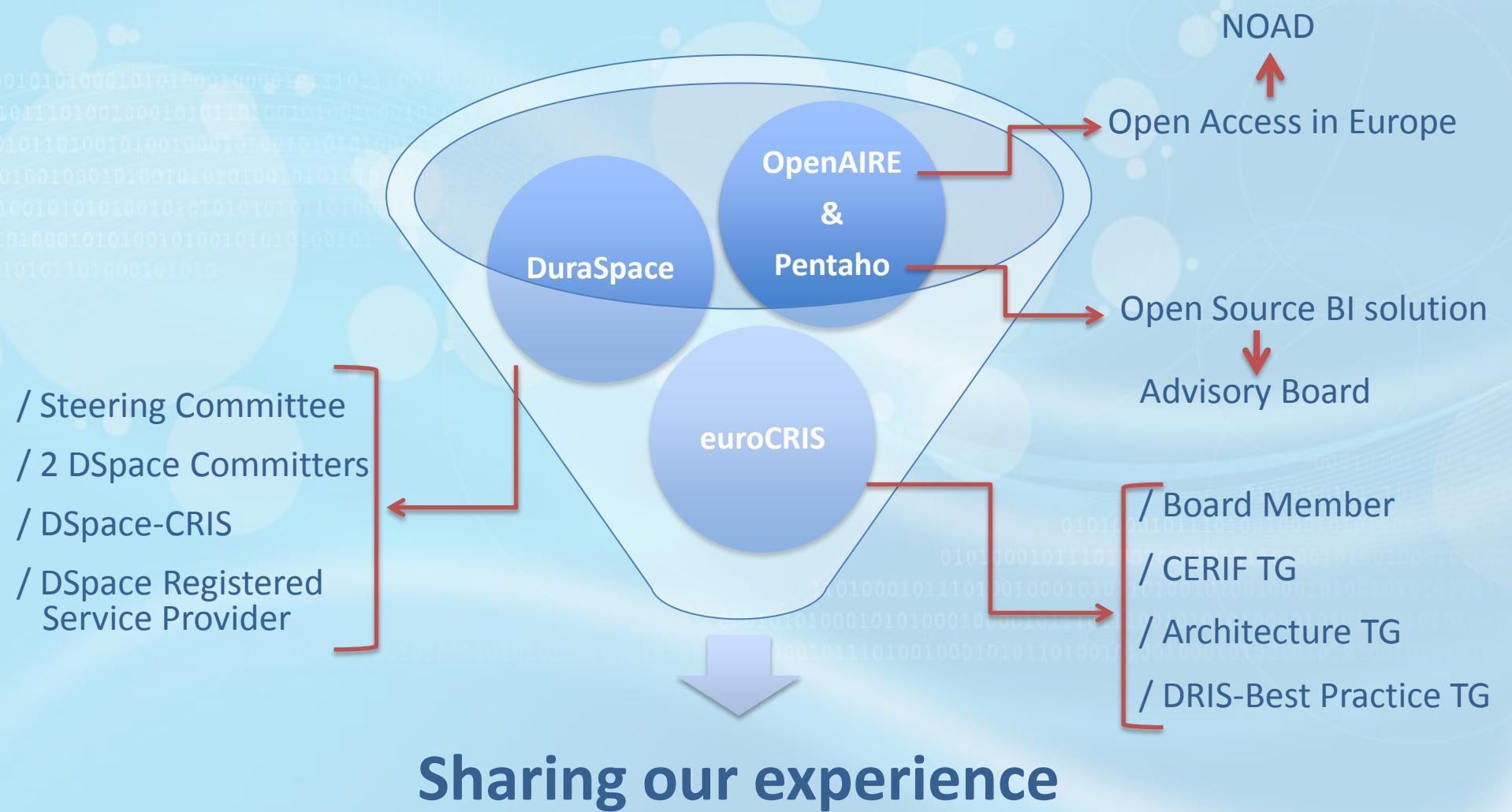
Installations in Italy



Talking about

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

International Activities & Research



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)

83 CRIS



INSTITUTIONAL INFORMATION SYSTEM BY CINECA

The IRIS logo features a stylized tree with purple circular leaves on a green stem, positioned above the letters 'IRIS'. Below the letters, the words 'INSTITUTIONAL INFORMATION SYSTEM' are stacked vertically, followed by 'BY CINECA'.

The institution's perspective

Collect institutional research output for evaluation and assessment purposes

Measure research results for benchmarking

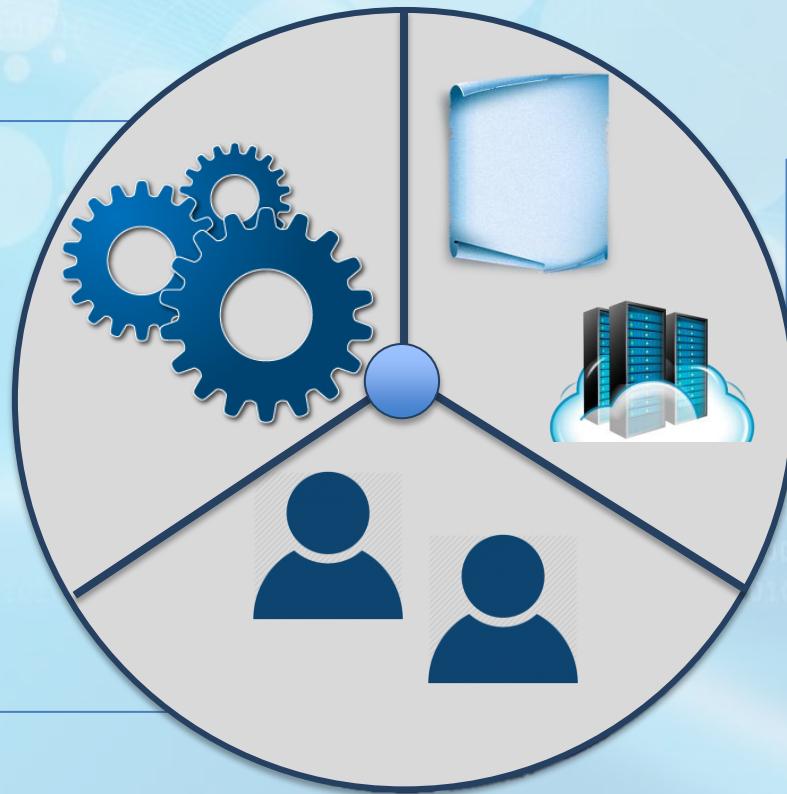
Disseminate data to enhance impact and visibility

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

WHAT IRIS ADDS

Reports &
Analytics

Workflows mapping
business processes

System Integration
(legacy, national, ...)



CRIS

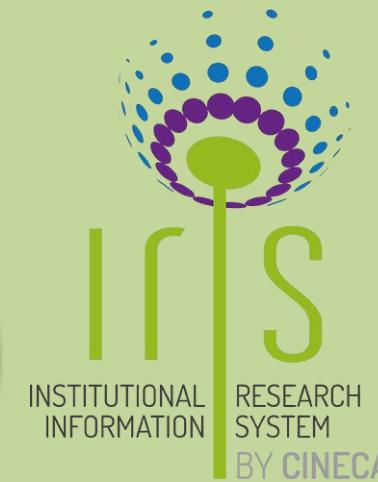
Dspace extended to the CERIF entities

(People | Units | Projects | etc.)

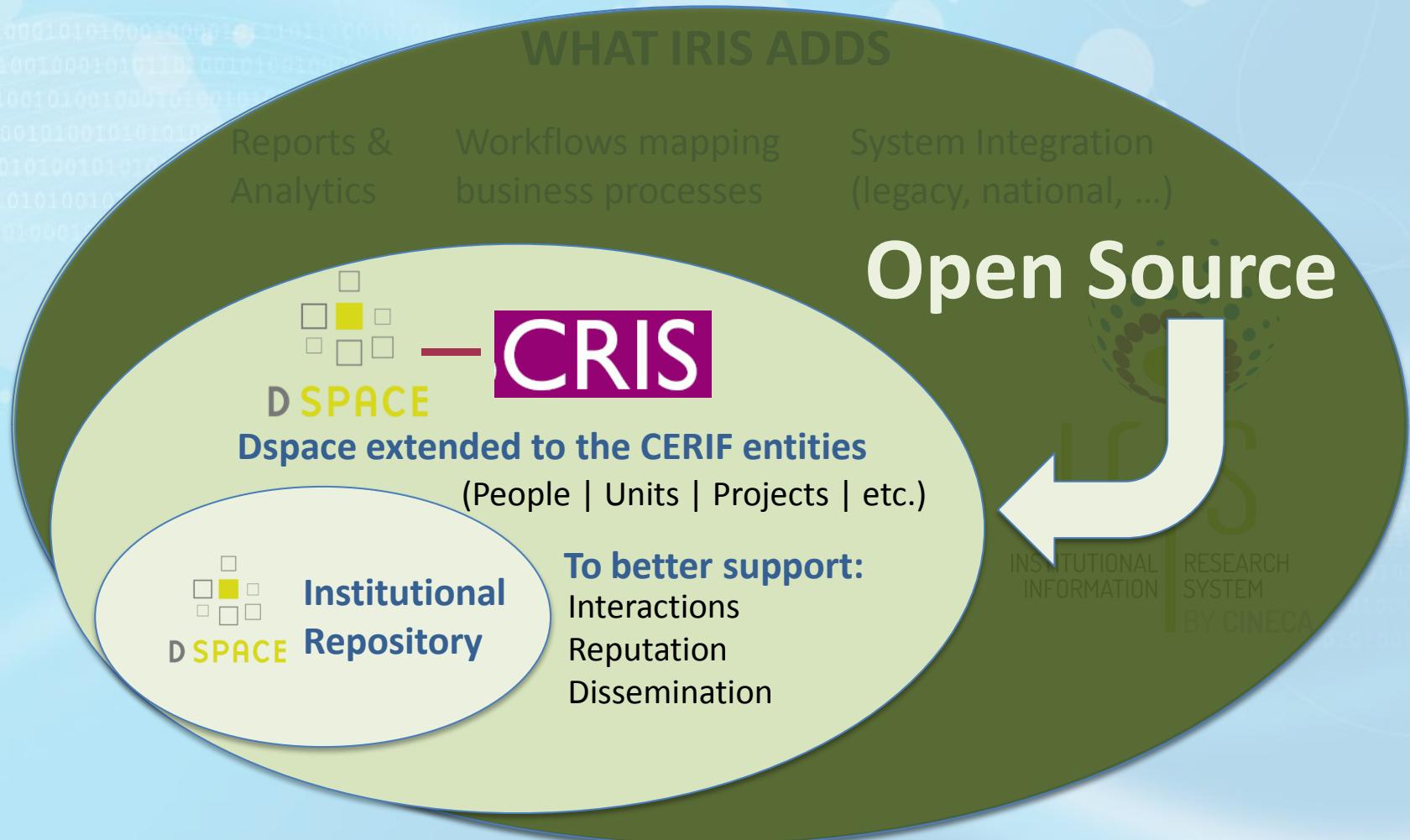


**Institutional
Repository**

To better support:
Interactions
Reputation
Dissemination



The Cineca's perspective



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/

Technical doc: <http://cineca.github.io/dspace-cris/doc/technical-documentation.pdf>

The History of DSpace-CRIS



CINECA is a registered service provider at DuraSpace

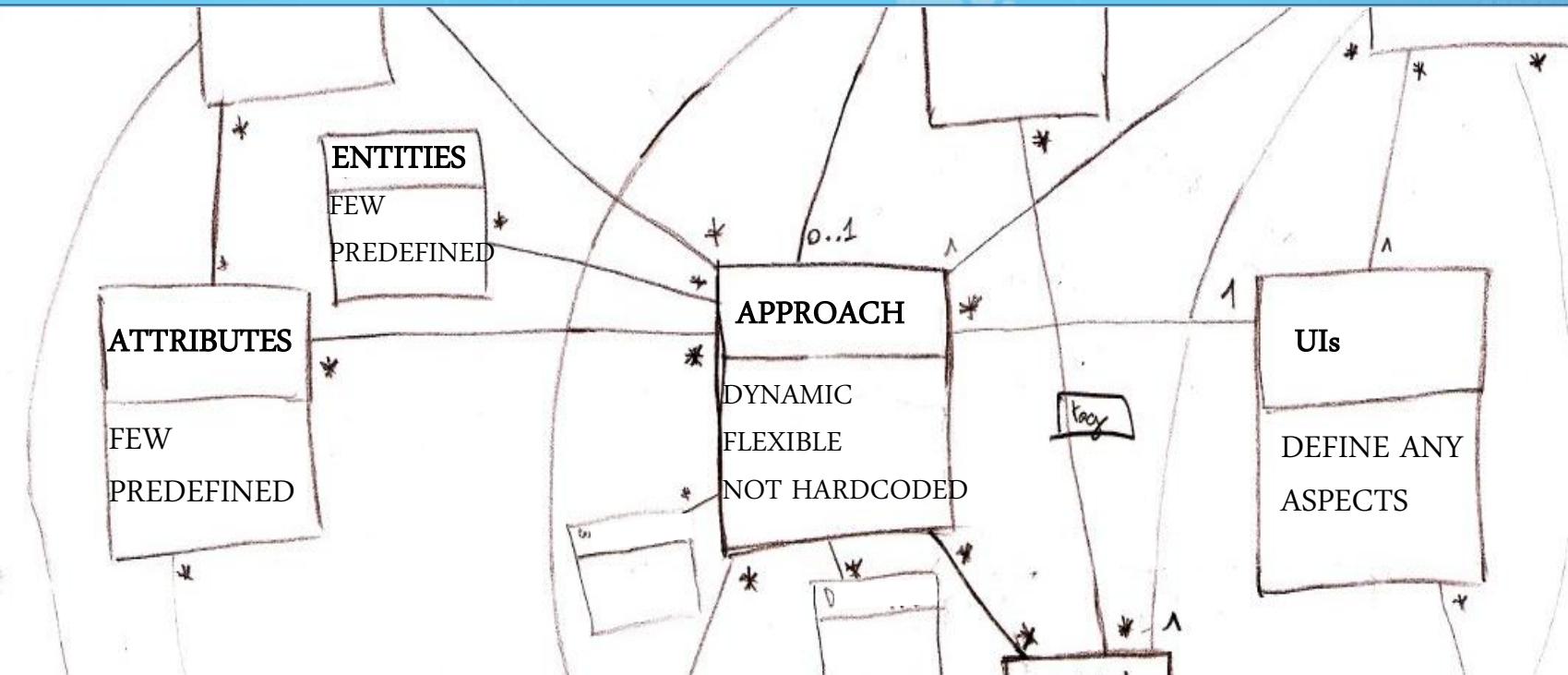
Long-term collaboration with DSpace community (Committer Group)



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



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 University of Hong Kong

The HKU Scholars Hub 香港大學學術庫

HELP · HKU LOGIN · GUEST LOGIN

HKU 100 CENTENARY

Home ResearcherPages Publications Theses (HKUTO) Grants Patents 繁 · 簡



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.

Do you want to see your publications in the Hub?

Please CONTACT US

QUICK SEARCH OF THE HUB

Search the author, title, abstract and series fields.

search

FEATURED SCHOLAR

Dr Ip, WY

Associate Professor
Deputy head, Division of Hand and Foot Surgery

Research Interests:

- Tissue engineering in bone regeneration and skin regeneration
- Hand function after Hand Injuries

+ MORE

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

 Recommend this on Google+

The University of Hong Kong Libraries, University of Hong Kong | CONTACT US
CILEA, our partner in Hub development

HKU-HUB: the Researcher



The University of Hong Kong

The HKU Scholars Hub 香港大學學術庫

HELP · HKU LOGIN · GUEST LOGIN



HKU 100
CENTENARY
EXHIBITION

Home · ResearcherPages · Publications · Theses (HKUTO) · Grants · Patents · 繁 · 簡

HKU ResearcherPage: Bacon-Shone, JH

Profile

Publications

- Selected Publications (9)
- Articles (29)
- Conf. Papers & Presentations (21)
- Books & Book Chapters (17)

Achievements

- Professional Qualifications (3)
- Media Contact Directory (12)
- Community Service (5)
- Supervision of Research Postgraduate Students (21)
- HKU Committee Appointments (35)

Grants

- Principal Investigator (28)
- Co-Investigator (27)

Bibliometrics

- External Metrics
- Internal Metrics



**Professor Bacon-Shone, John Hugh R
白景崇**

- Associate Dean of Social Science
- Director, Social Sciences Research Centre
- Associate Director, Knowledge Exchange Office
- Chairman, Human Research Ethics Committee for Non-Clinical Faculties

External Metrics

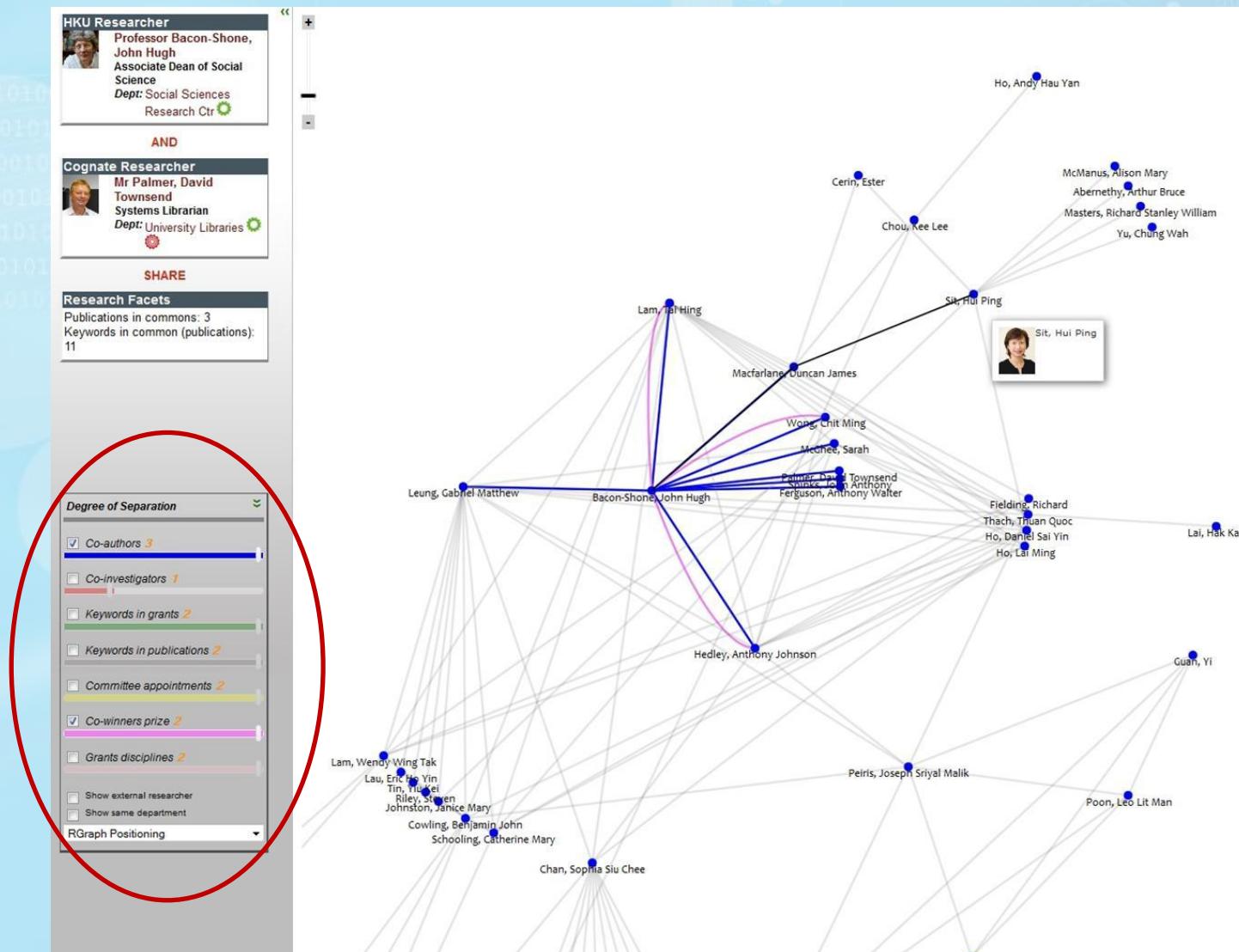
Scopus (1996 ~)	ResearcherID
AuthorID: 6602137416	RID: B-8040-2008
Document Count: 28	Document Count: 112
Total Citations: 435 total citations by 421 documents	Times Cited: 438
h Index: 7	h Index: 13
Co-authors: 112	Co-authors: Collaboration Network

Google Scholar Citations	PubMed
Author Profile: A-FV72wAAAAJ	Hub items with PubMed ID: 6
Citations: 1108	Citation count of Hub items in PMC: 18
h-index: 19	Hub items cited in PMC: 1
i10-index: 30	

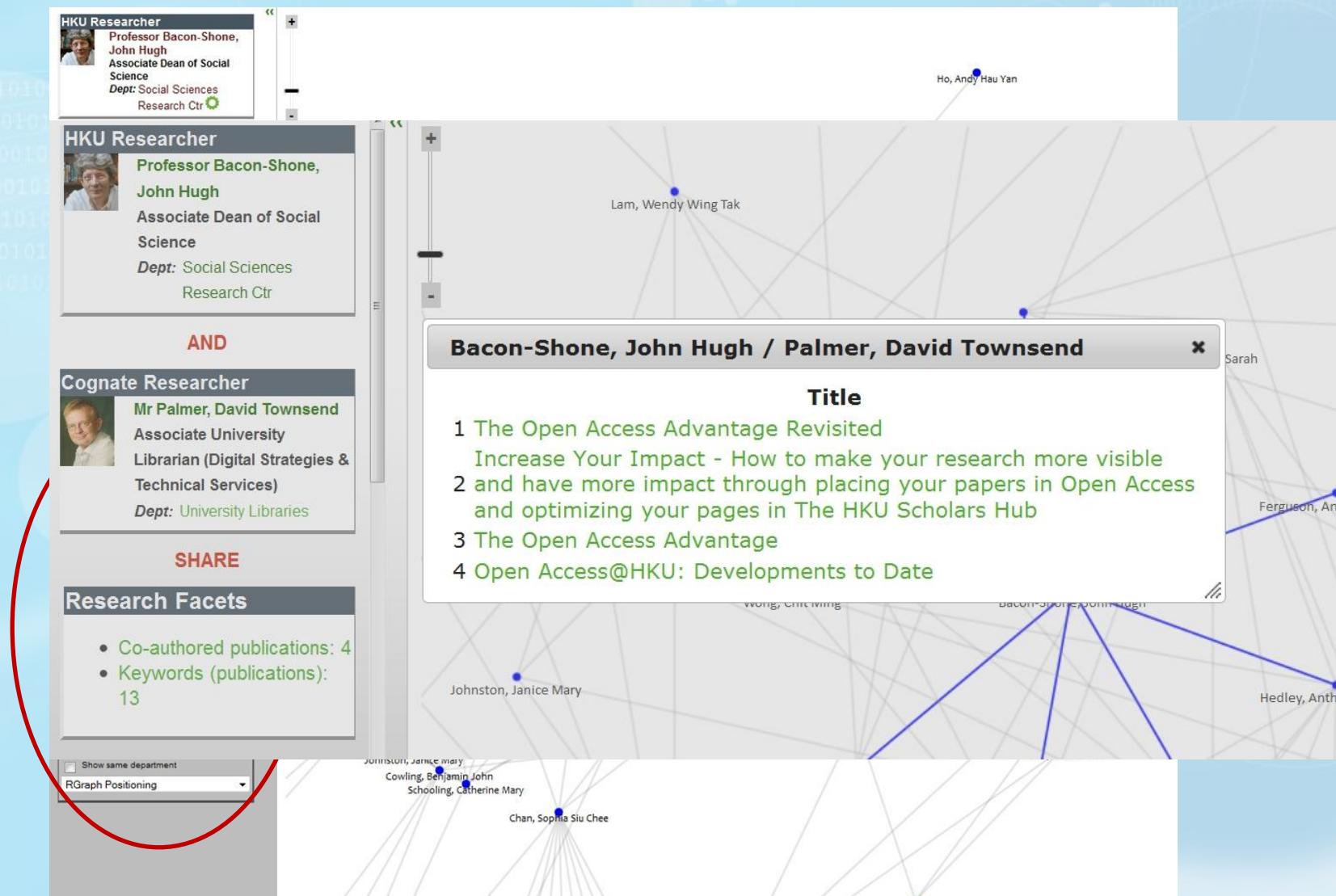
248 documents and 1000000 binary objects

The University of Hong Kong Libraries, University of Hong Kong | CONTACT US

HKU-HUB: the Network



HKU-HUB: the Network



HKU-HUB: the Publications



The screenshot shows a publication record on The HKU Scholars Hub. The page header includes the University of Hong Kong logo, the site name "The HKU Scholars Hub 香港大學學術庫", and navigation links for Home, ResearcherPages, Publications, Theses (HKUTO), Grants, Patents, and a search bar. On the right, there are links for Help, HKU LOGIN, GUEST LOGIN, and the HKU 100 logo.

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

File Download: 98107.pdf

Links for fulltext (May Require Subscription):

- Publisher Website: 10.1086/429923
- Scopus: doi_2-s2.0-2044411922
- PMID: 15909256
- Find it at [WebBridge](#)

Supplementary:

- Citations:
 - Scopus: 48
 - PubMed Central: 18
- Item Statistics (The Hub)
- Appears in Collections:
 - Community Medicine. Journal/Magazine Articles
 - Social Sciences Research Centre. Journal/Magazine Articles

Basic View **Metadata View** **XML View**

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 ✧
BaconShone, 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/our_journals/cid/

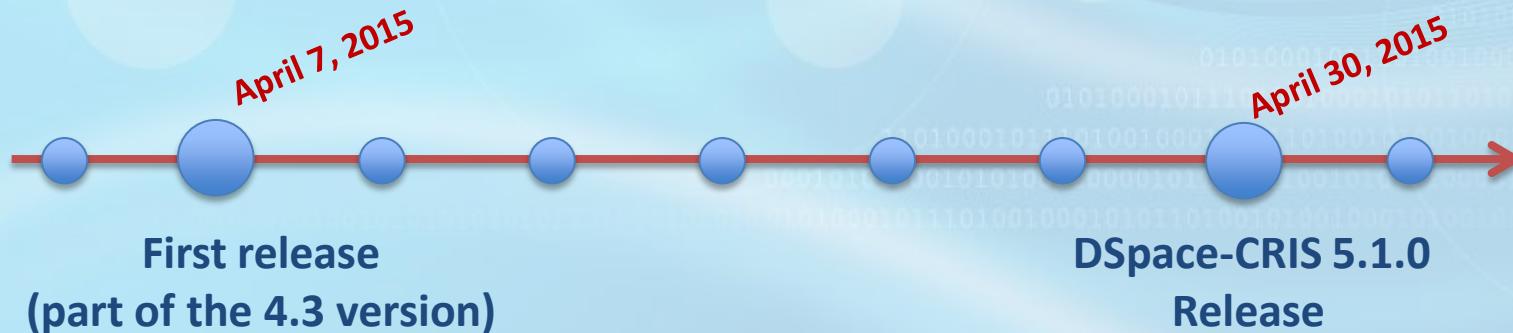
Citation: Clinical Infectious Diseases, 2005, v. 40 n. 12, p. 1713-1720 [How to Cite?]
DOI: <http://dx.doi.org/10.1086/429923>

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 6 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 the 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

DSpace-CRIS for euroCRIS

Home Community Activities Publications Help

Search euroCRIS

euroCRIS Current Research Information Systems

The European Organisation for International Research Information

CERIF

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.

Community people & organizations



Explore the euroCRIS community

Activities projects & events



Explore the euroCRIS projects & events

Publications articles, reports, etc.



Explore the euroCRIS publications

All types of content ▾ Search term... Search Q

Recent Submissions RSS 1.0 RSS 2.0 RSS

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

testdspacecris.eurocris.org:8080/jspui/#

researchers may need, so all

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

Home Community Activities Publications Help

Search euroCRIS

Sign on to:


Current Research



Highlight CRIS database macro areas

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Community people & organizations



337

Explore the euroCRIS community

Activities projects & events



23

Explore the euroCRIS projects & events

Publications articles, reports, etc.



284

Explore the euroCRIS publications

Recent Submissions

RSS 1.0

RSS 2.0

RSS

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

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- Look & Feel

www.cineca.it | DSpace-CRIS: an Open Source Solution for Research | #THETA2015

DSpace-CRIS for euroCRIS

Home Community Activities Publications Help Search euroCRIS Sign on to:

euroCRIS Current Research Information Systems

The European Organisation for International Research Information

euroCRIS

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Community people & organizations



337

Explore the euroCRIS community

Activities projects & events



OrgUnits & People

Explore the euroCRIS projects & events

Publications articles, reports, etc.



284

Explore the euroCRIS publications

All types of content ▾ Search term ▾

Search Q

Recent Submissions [RSS 1.0](#) [RSS 2.0](#) [RSS](#)

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

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- Look & Feel

DSpace-CRIS for euroCRIS

Home Community Activities Publications Help Search euroCRIS Sign on to: euroCRIS Current Research Information Systems The Eu... Projects & Events CERIF

Welcome to the euroCRIS DSpace CRIS digital repository

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Community people & organizations



Explore the euroCRIS community

All types of content ▾ Search term... Search Q

Activities projects & events



Explore the euroCRIS projects & events

Publications articles, reports, etc.



Explore the euroCRIS publications

Recent Submissions RSS 1.0 RSS 2.0 RSS

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

testdspacecris.eurocris.org:8080/jspui/#

researchers may need, so all

Platform upgraded! News DSpace-CRIS 4.2.0

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- Look & Feel

DSpace-CRIS for euroCRIS

Home Community Activities Publications Help Search euroCRIS Sign on to:

euroCRIS Current Research Information Systems

The European Organisation for International Research Information

CERIF

Welcome to the euroCRIS DSpace CRIS digital repository

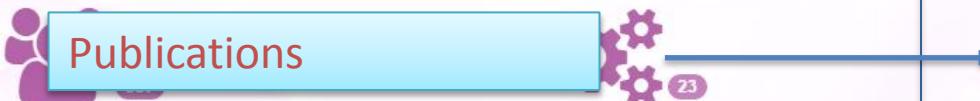
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Community people & organizations

Activities projects & events

Publications articles, reports, etc.



Explore the euroCRIS community

Explore the euroCRIS projects & events

Explore the euroCRIS publications

All types of content ▾ Search term... Search

Recent Submissions RSS 1.0 RSS 2.0 RSS

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

testdspacecris.eurocris.org:8080/jspui/#

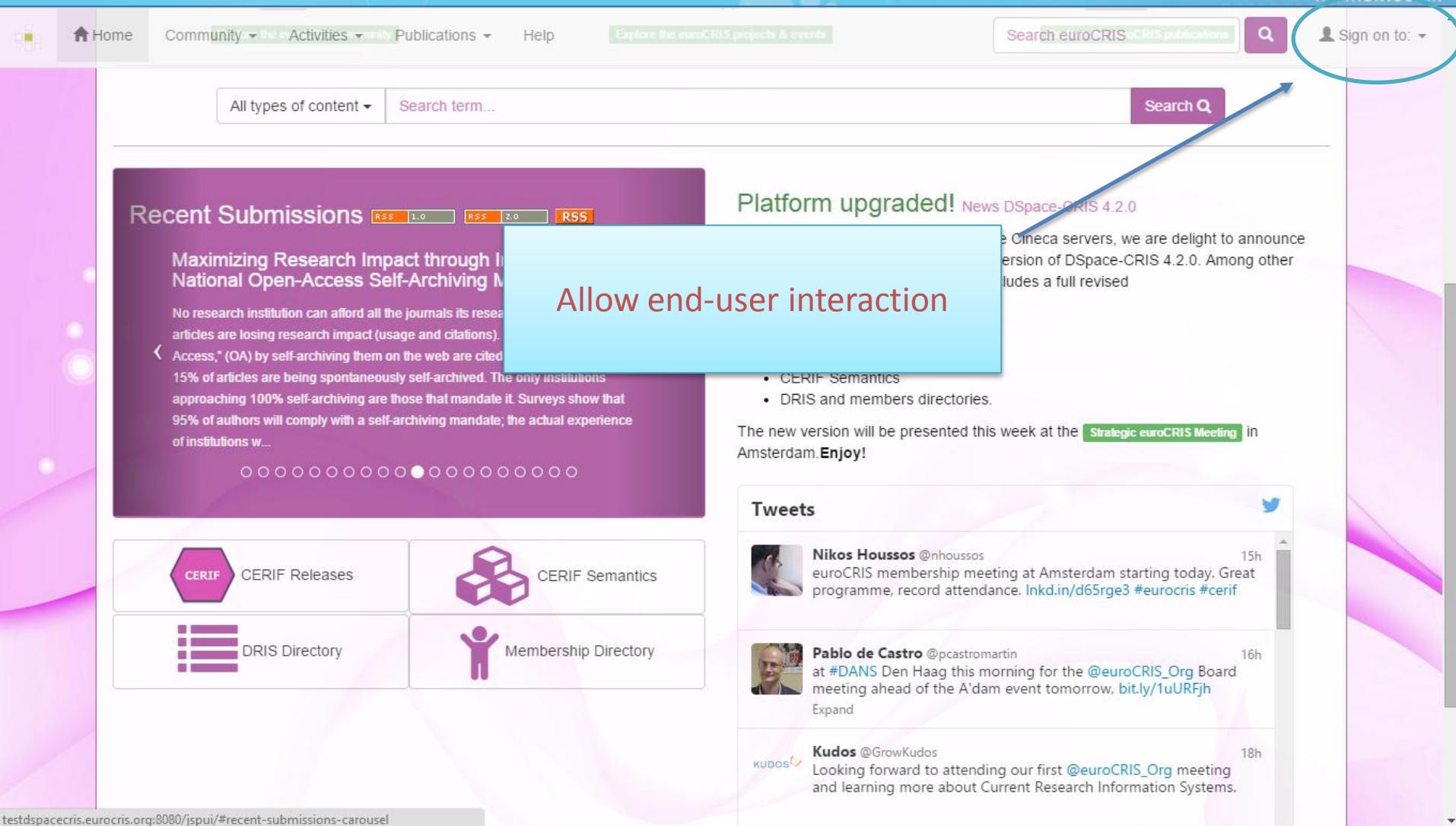
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- Look & Feel

DSpace-CRIS for euroCRIS



The screenshot shows the DSpace-CRIS for euroCRIS homepage. At the top, there's a navigation bar with links for Home, Community, Activities, Publications, Help, and a search bar. A green button says "Explore the euroCRIS projects & events". On the right, there's a "Search euroCRIS CRIS publications" input field with a magnifying glass icon and a "Sign on to:" dropdown menu.

Recent Submissions (RSS 1.0, RSS 2.0, RSS)

Platform upgraded! News DSpace-CRIS 4.2.0

Allow end-user interaction

No research institution can afford all the journals its researchers publish. Many articles are losing research impact (usage and citations). Access "Open Access" (OA) by self-archiving them on the web are cited 15% of articles are being spontaneously self-archived. The only institutions approaching 100% self-archiving are those that mandate it. Surveys show that 95% of authors will comply with a self-archiving mandate; the actual experience of institutions w...

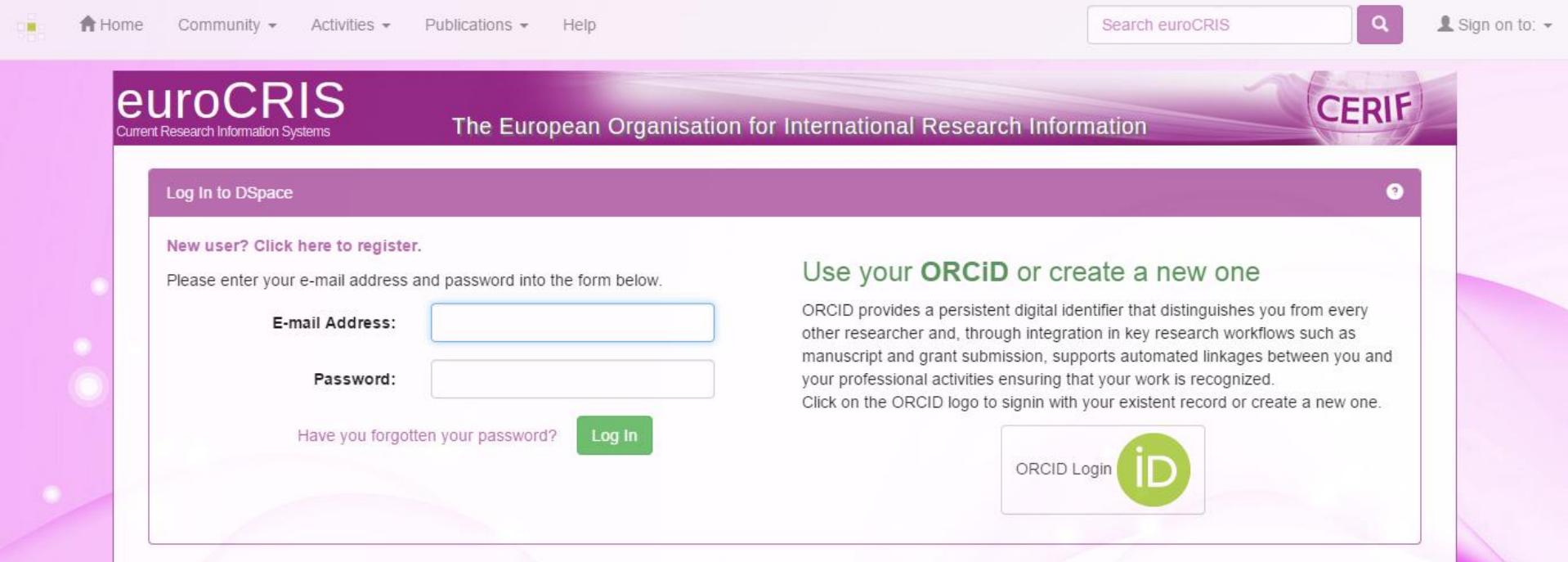
• CERIF Semantics
• DRIS and members directories.

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

Tweets

- Nikos Houssos** @nhoussos 15h euroCRIS membership meeting at Amsterdam starting today. Great programme, record attendance. lnkd.in/d65rge3 #eurocris #cerif
- Pablo de Castro** @pcastromartin 16h at #DANS Den Haag this morning for the @euroCRIS_Org Board meeting ahead of the A'dam event tomorrow, bit.ly/1uURFjh Expand
- Kudos** @GrowKudos 18h Looking forward to attending our first @euroCRIS_Org meeting and learning more about Current Research Information Systems.

DSpace-CRIS for euroCRIS



The screenshot shows the euroCRIS login interface. At the top, there's a navigation bar with links for Home, Community, Activities, Publications, and Help. A search bar and a 'Sign on to:' dropdown are also present. The main header features the euroCRIS logo and the text 'The European Organisation for International Research Information'. On the right, there's a CERIF logo. The central area has a purple background with white text. It says 'Log In to DSpace' and 'New user? Click here to register.' Below that, it asks for an e-mail address and password. There's a link for forgotten passwords and a green 'Log In' button. To the right, there's a section titled 'Use your ORCID or create a new one' with a detailed description of what ORCID is and how it works. It includes an 'ORCID Login' button with the 'iD' logo.

Why should you be interested?

DSpace-CRIS & ORCID

Home page Community Activities Publications Help Ricerca in DSpace  Area utenti registrati

euroCRIS Current Research Information Systems The European Organisation for International Research Information CERIF

Bollini, Andrea

 Personal Page 

Details

	Academic name: Bollini, Andrea	Title: Project Manager, IT Architect & Systems Integrator at CINECA
	Also known as: Bollini, A	Affiliation  Member of Start date
		Group Leader CINECA 01-07-2013
		Member CERIF TG 01-01-2013

Misc

Keywords: JAVA
Open Source Software

ORCID: 0000-0002-9029-1854

Websites: [Linkedin](#)

DSpace-CRIS & ORCID

Home page Community Activities Publications Help Ricerca in DSpace  Area utenti registrati

euroCRIS Current Research Information Systems The European Organisation for International Research Information CERIF

Bollini, Andrea

Personal Page Cerif

Details

Claim Profile through ORCID

Architect & Systems Integrator at CINECA

Member of Start date

CINECA	01-07-2013
CERIF TG	01-01-2013

Misc

Keywords: JAVA
Open Source Software

ORCID: 0000-0002-9029-1854

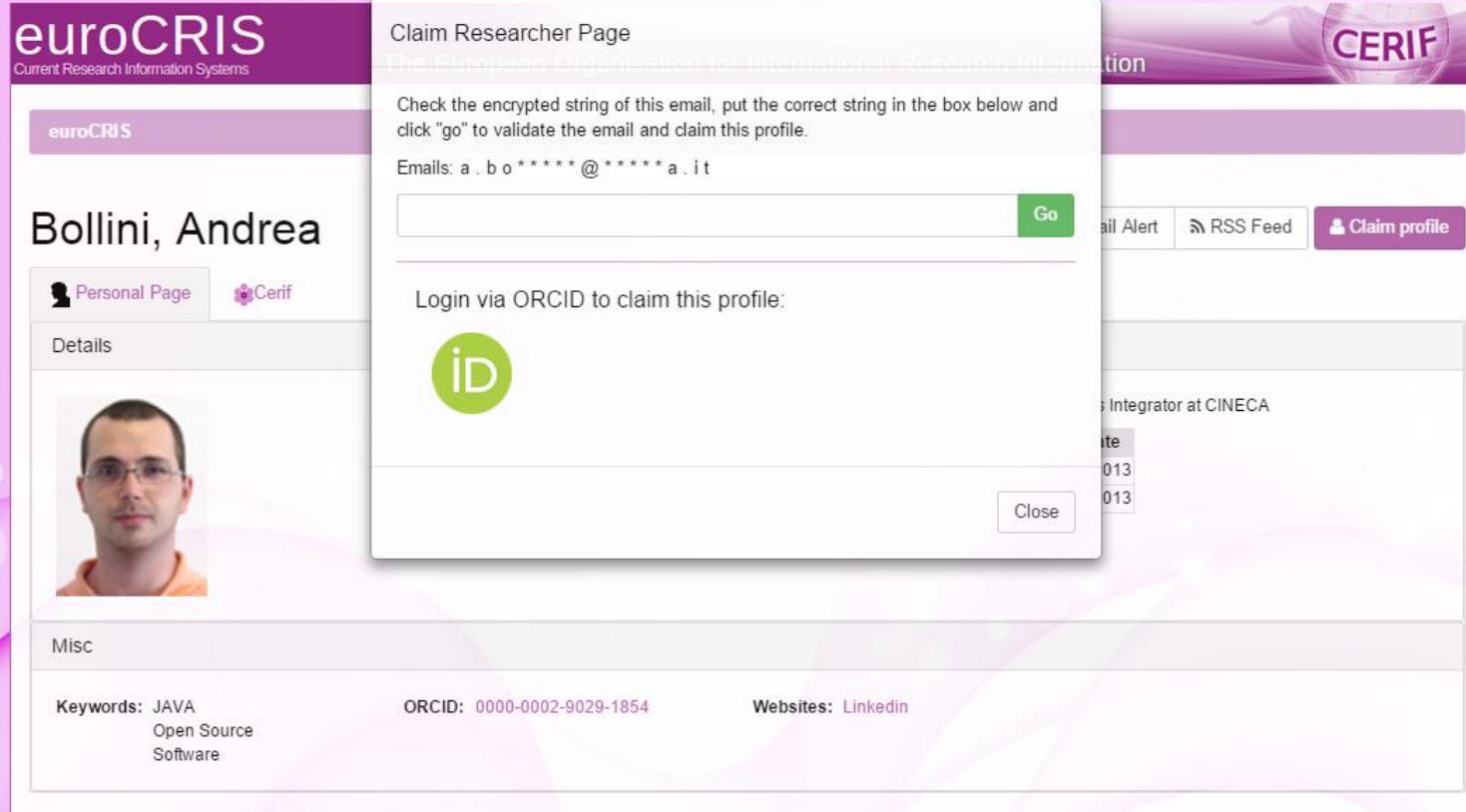
Websites: [Linkedin](#)

Theme by  CINECA

DSpace Software Copyright 2002-2005 MIT and Hewlett-Packard - Feedback

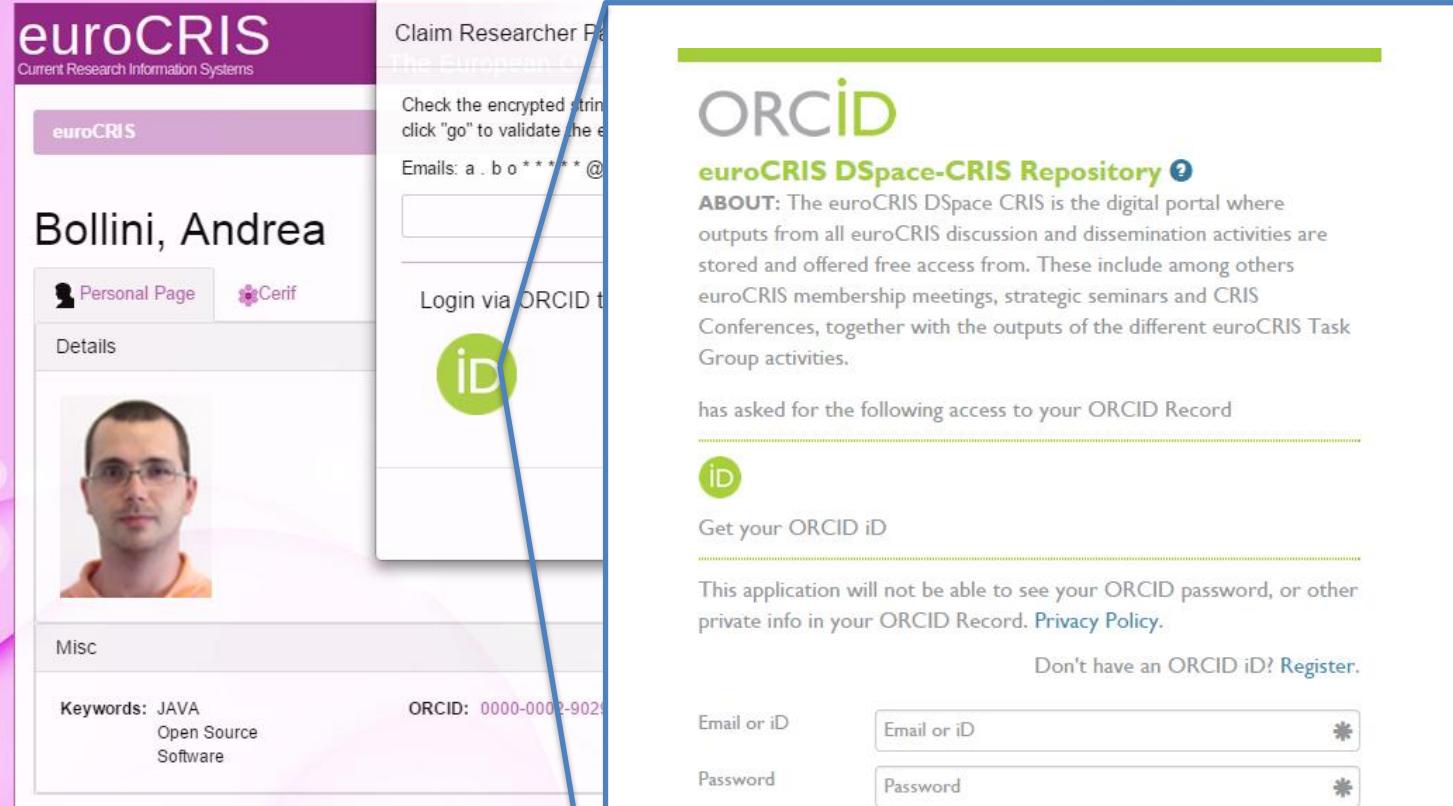
DSpace-CRIS & ORCID

Home page Community Activities Publications Help Ricerca in DSpace  Area utenti registrati



The screenshot shows the euroCRIS interface. On the left, there's a profile for "Bollini, Andrea" with a photo, a "Personal Page" button, and a "Cerif" button. Below the photo are sections for "Details" and "Misc". In the "Misc" section, there are links for "Keywords: JAVA", "ORCID: 0000-0002-9029-1854", and "Websites: [Linkedin](#)". A central modal dialog box is titled "Claim Researcher Page" and contains the text: "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." It also shows the email "Emails: a.b.o*****@*****.a.it" and a text input field with a green "Go" button. Below this, it says "Login via ORCID to claim this profile:" with an "ORCID iD" logo. At the bottom right of the modal is a "Close" button.

DSpace-CRIS & ORCID



The screenshot shows the euroCRIS DSpace-CRIS interface on the left and an ORCID login dialog on the right. The euroCRIS page displays a profile for Andrea Bollini, including a photo, personal page link, Cerif link, and keywords like JAVA, Open Source Software. The ORCID dialog asks for permission to access the user's ORCID record, showing the user's ORCID ID (0000-0002-9029) and providing links to deny or authorize the request.

Home page Community Activities Publications Help Ricerca in DSpace Area utenti registrati

euroCRIS

Current Research Information Systems

Bollini, Andrea

Personal Page Cerif

Details

Keywords: JAVA
Open Source Software

ORCID: 0000-0002-9029

Claim Researcher Page

Check the encrypted string and click "go" to validate the email address.

Emails: a . b o * * * * @

Login via ORCID iD

ORCID

euroCRIS DSpace-CRIS Repository

ABOUT: 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.

has asked for the following access to your ORCID Record

iD

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](#).

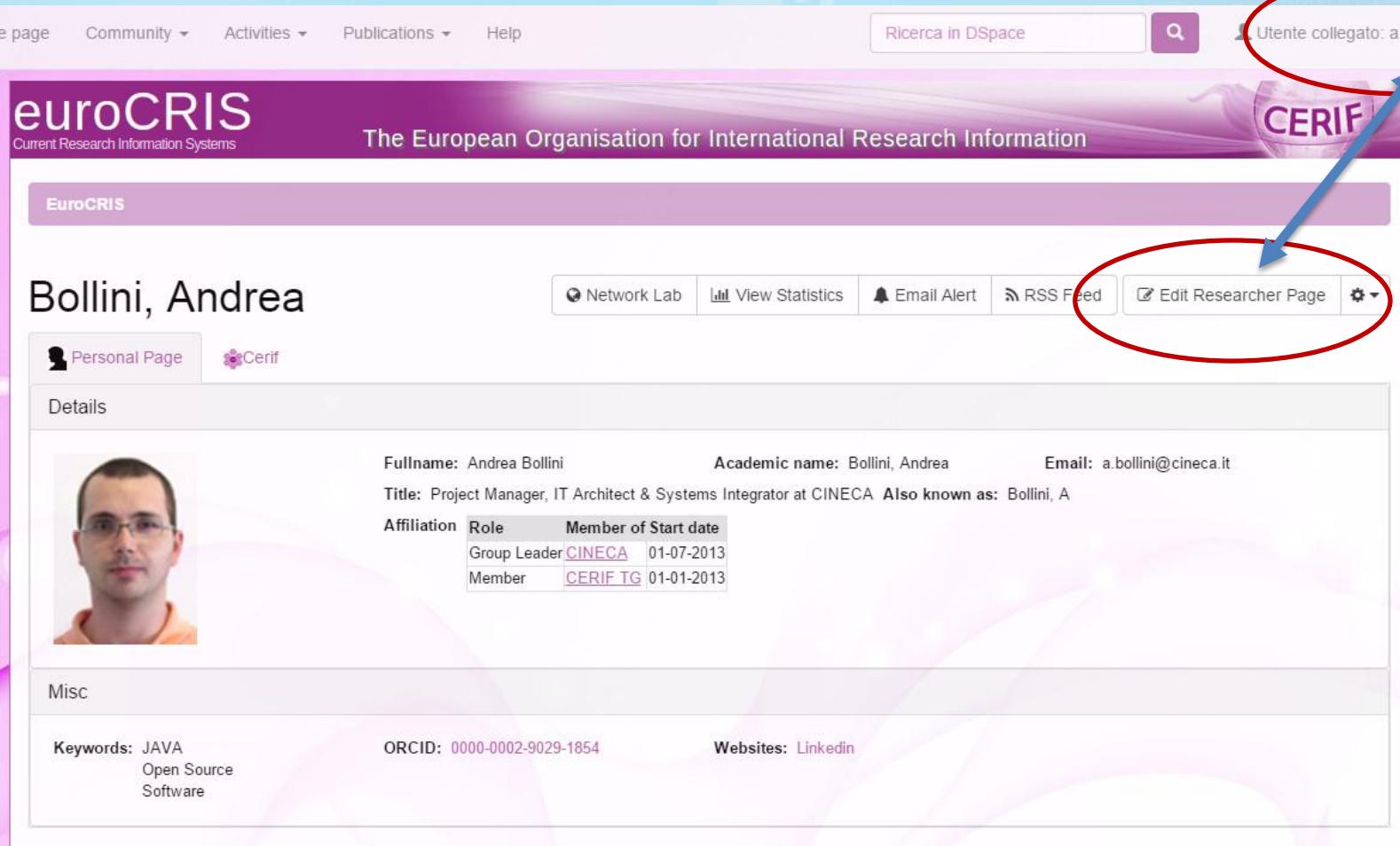
Email or iD

Password

Forgotten password?

Deny Authorize

DSpace-CRIS: importing BIO info



Home page Community Activities Publications Help Ricerca in DSpace Utente collegato: a.bollini@cineca.it

euroCRIS Current Research Information Systems The European Organisation for International Research Information

EuroCRIS

Bollini, Andrea

Personal Page Cerif

Details

Fullscreen

Fullname: Andrea Bollini Academic name: Bollini, Andrea Email: a.bollini@cineca.it

Title: Project Manager, IT Architect & Systems Integrator at CINECA Also known as: Bollini, A

Affiliation	Role	Member of Start date
Group Leader	CINECA	01-07-2013
Member	CERIF TG	01-01-2013

Misc

Keywords: JAVA
Open Source Software

ORCID: 0000-0002-9029-1854

Websites: [Linkedin](#)

Edit Researcher Page

DSpace-CRIS e ORCID: next steps (1)

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)

PUSH local
information to
ORCID

- 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)

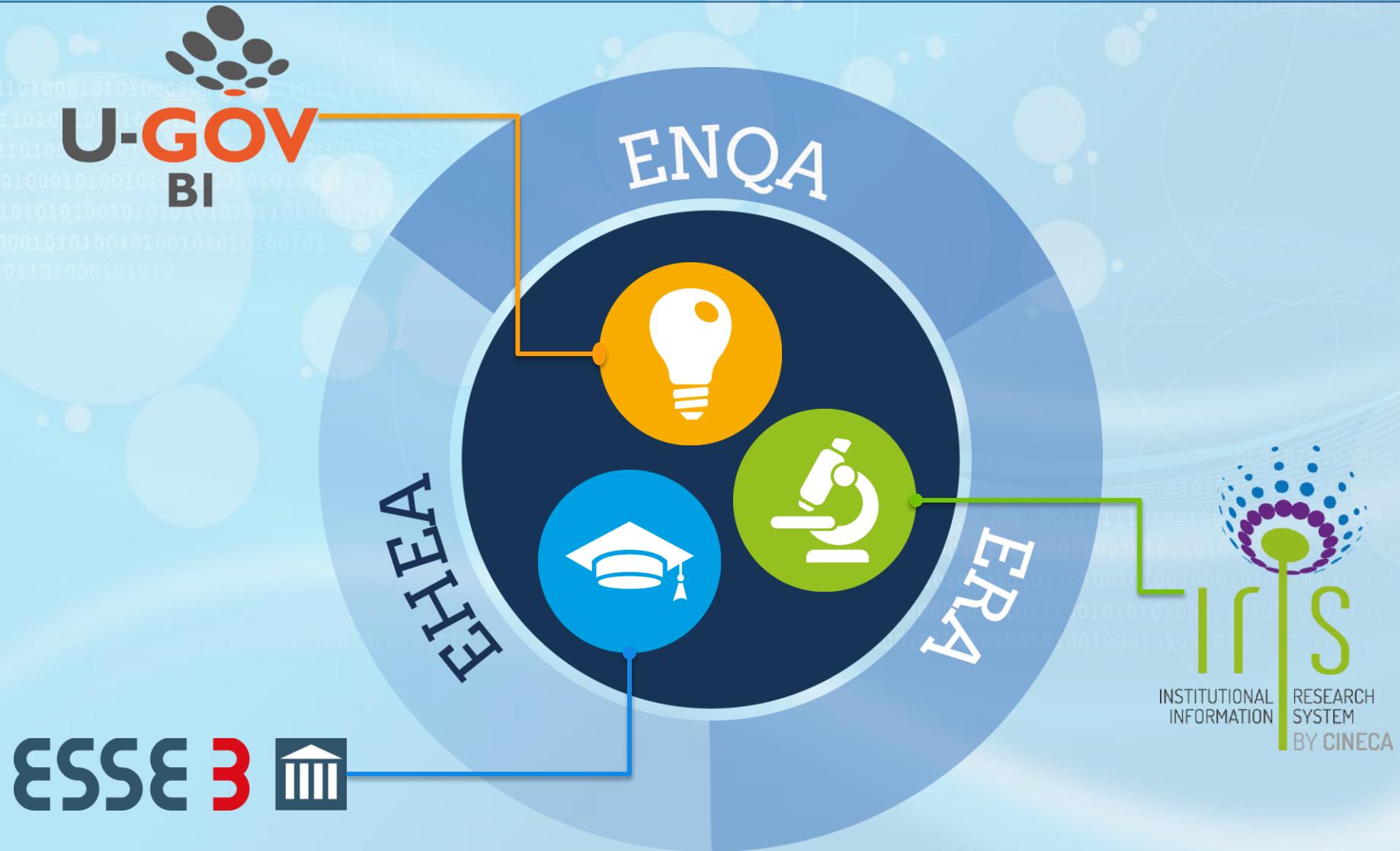
Propose to **import records** in DSpace-CRIS
when login-in looking to the Researcher's ORCID
profile

Or

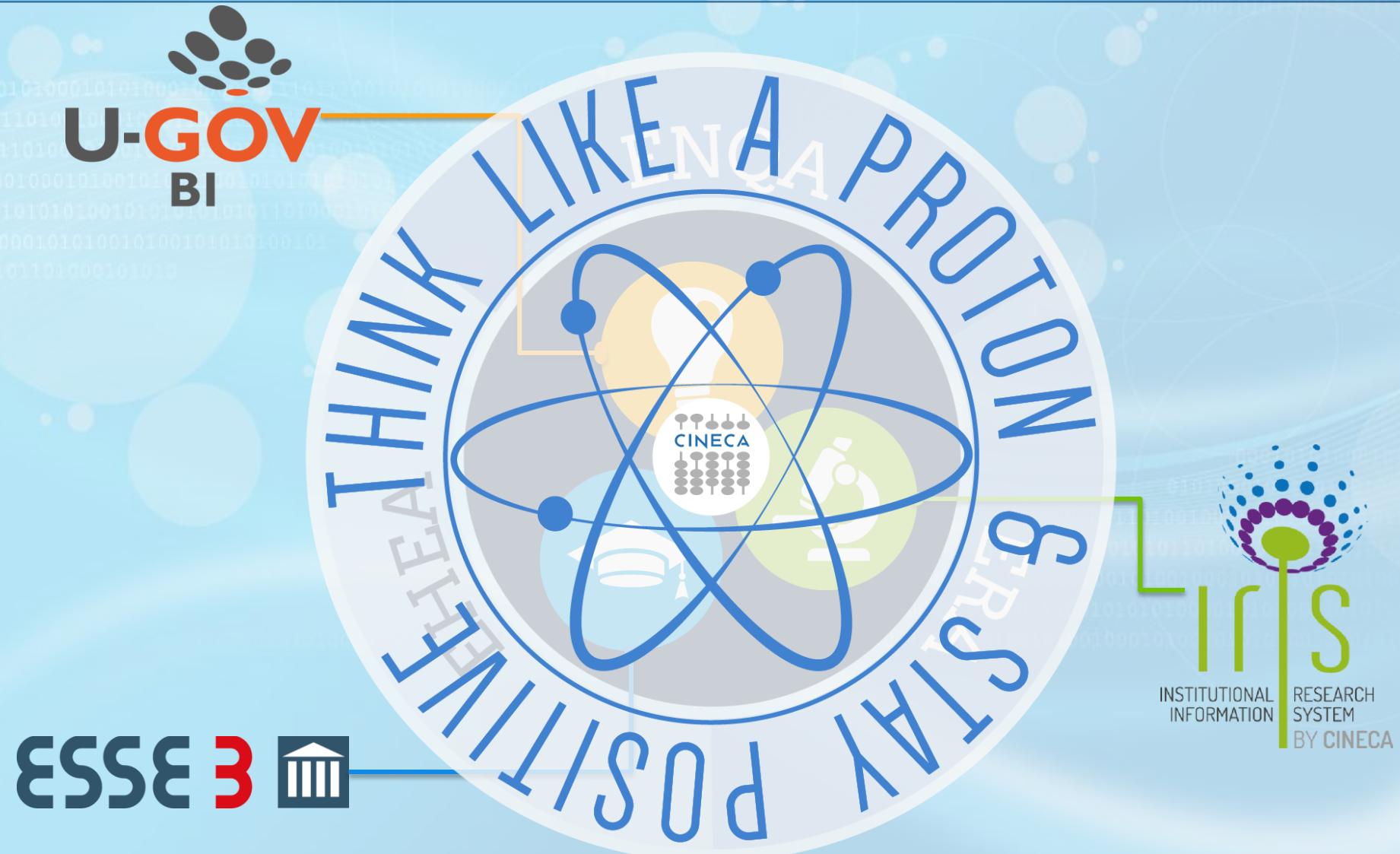
Automatically (notification and preferences
allowed) when **ORCID premium membership** is
available

PULL extended
information
from ORCID

Our Vision



Our Vision



ESSE 3

May 12, 2015
THETA Conference

Thank you for the attention

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