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# Implementing a DSpace-CRIS for EuroCRIS



Susanna Mornati  
IT Solutions for Research  
Information Management  
CINECA  
s.mornati@ Cineca.it

Pablo de Castro  
euroCRIS Board member –  
Best Practice/DRIS TG Leader  
GrandIR Ltd  
pcastro@grandir.com



# Overview



- Brief presentation of main stakeholders (Cineca, GrandIR, euroCRIS) – 4 slides
- What is a CRIS? – 1 slide
- What is DSpace CRIS? – 1 slide
- What is relevant here? – 1 slide
- Why did euroCRIS adopt DSpace CRIS? – 1 slide
- Main features of euroCRIS installation – 6 slides
- Benefits for universities and other research institutions – 1 slide



# CINECA

- Cineca (cineca.it) is a not-for-profit consortium of 72 Italian organizations (universities, research centres and the Ministry of Education & Research)
- Largest Italian computing centre, one of the most important worldwide
- Projects and services on high performance computing, big data management
- Design and development of IT applications & services for academic, learning and research environments
- > 700 employees (> 900 with Kion)





# CINECA

- Supporting DSpace since 2003:
  - > 20 repositories maintained,
  - > 60 by 2015
- In the Committer Group since 2006 (two members)
- Registered Service Provider since 2010 (only 7 in the world)
- Main contributor of DSpace 4 (particularly the new JSPUI)
- Developer and maintainer of **DSpace-CRIS** (an open-source CRIS designed in collaboration with the University of Hong Kong)

## Cineca's role in DSpace community



# GrandIR

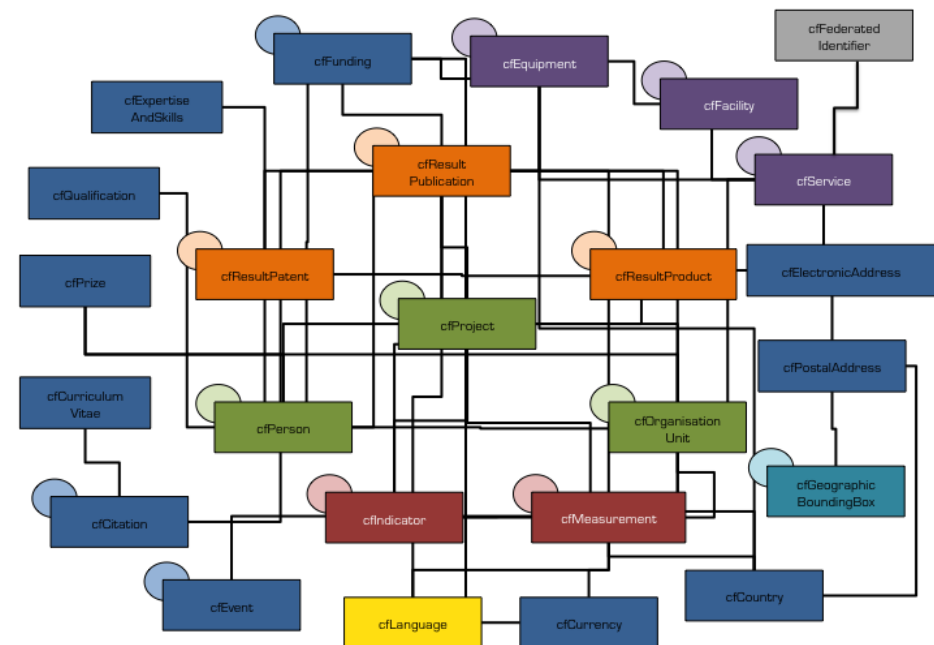


- GrandIR Ltd ([grandir.com](http://grandir.com)) is a company based in Edinburgh that focusses on:
- **Delivering IT Services** for Higher Education Institutions and Research Organisations
- **Delivering consultancy Services** on technical solutions and infrastructure in the research information management domain
- **Promoting Open Access-related initiatives**, such as repositories and digital libraries, in a cooperation framework



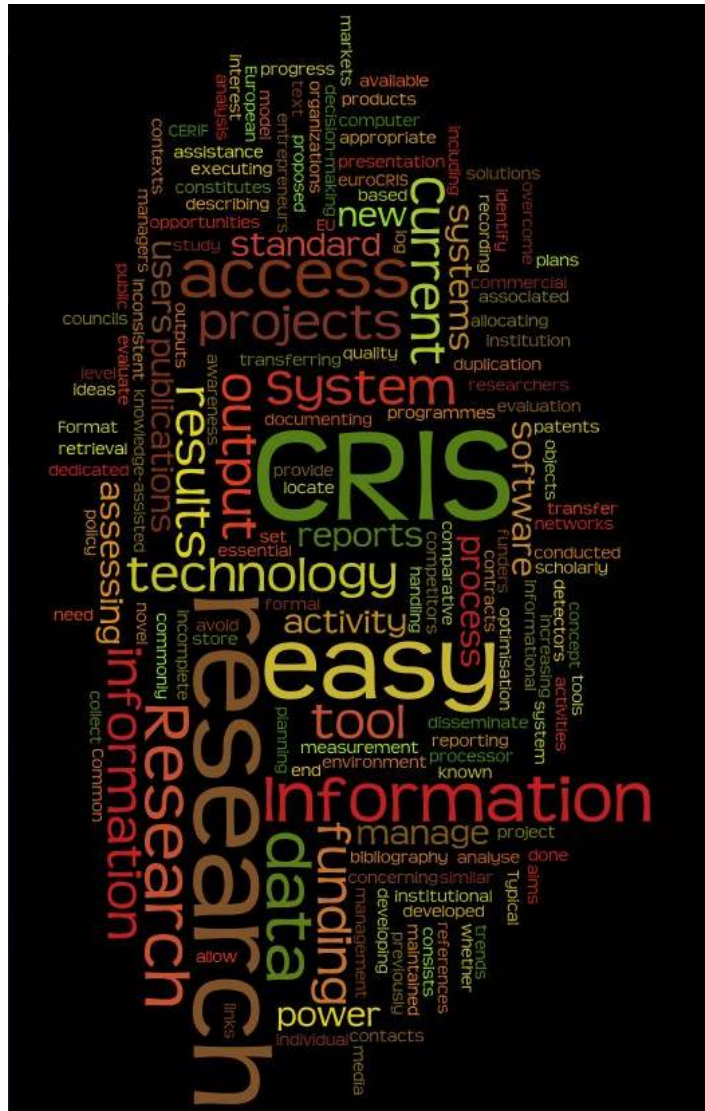


- euroCRIS (eurocris.org) is a not-for-profit organisation, dedicated to the development of quality CRIS (Current Research Information Systems) enabling a wide-scale interoperability
- euroCRIS is the custodian of **CERIF**, an international, standard, integrated data model for storing and exchanging information on research entities (e.g. people, projects, publications etc), links and semantics





# What is a CRIS?



- A **Current Research Information System (CRIS)** is an information system to collect, store, manage, retrieve, expose and exchange data about research conducted at an institution

# What is DSpace CRIS?

The logo for DSpace CRIS, featuring the text "DSpace CRIS" in a white, handwritten-style font on a blue rectangular background.

Download dspace-cris at:

[http://cineca.github.io/  
dspace-cris/](http://cineca.github.io/dspace-cris/)

(features, documentation,  
installation, step-by-step  
instructions)

**dspace-cris** is a new additional **open-source module** for the DSpace platform. It extends the DSpace data model providing the ability to collect, store, manage, retrieve, expose and exchange data about all research entities (people, organization units, projects, grants, awards, patents, publications, etc.)



# What is relevant here?

- **euroCRIS** adopted DSpace-CRIS in 2013 as the repository to collect, store, preserve, and disseminate its intellectual output, and to manage other CRIS entities, their links and semantics
- **GrandIR** manages configurations and administration of the repository
- **Cineca** is the provider for software and (soon) hosting services



# Why did adopt ?

- To disseminate its main outputs: publications, proceedings, contributions to numerous events: biennial conferences, biannual membership meetings, workshops and seminars
- To enhance their visibility (they were previously available as sparse material on the web site)
- To add CRIS functionality to showcase activities, projects and collaborations
- To have a CERIF-compliant system at sustainable costs



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EuroCRIS >

## 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.

## Search

Enter some text in the box below to search DSpace.

## Communities in DSpace

Choose a community to browse its collections.

- [Annual CRIS Seminars Series](#) [44]
- [CRIS Conferences](#) [138]
- [euroCRIS/CERIF Outreach](#) [13]
- [euroCRIS Membership Meetings](#) [76]
- [Internal Reports and Working Papers](#) [27]
- [Other Documents and Events](#) [9]

Browse by research entity

New CRIS2014 papers

Host euroCRIS collections

## euroCRIS News

### CRIS2014 papers to be hosted and released from DSpace-CRIS

Conference papers contributed to the [CRIS2014](#) event to take place May 13-15 in Rome will be made available from the new euroCRIS DSpace-CRIS repository at the time the meeting is held. The papers will later be published online by [Procedia](#) and will be released via ScienceDirect around one month after the conference closes.

### CRIS2014

**Conference in Rome** [CRIS2014](#), the twelfth edition of the biennial series of conferences on Current Research Information Systems (CRIS) organised since 2002 by euroCRIS will be held May 13-15th at the Italian National Research Council ([CNR](#)) Central Building in Rome

<http://dspacecris.eurocris.org/jspui>

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## Researcher profile: Bollini, Andrea



Personal Page



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## CRIS Entity navigation

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## Researcher profile: Bollini, Andrea

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Cerif

Details



**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](#)

<http://dspacecris.eurocris.org/jspui>

```
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  <cfFirstNames>Andrea</cfFirstNames>
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<cfKeyw cfLangCode="EN" cfTrans="o">Open Source</cfKeyw>
<cfKeyw cfLangCode="EN" cfTrans="o">Software</cfKeyw>

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</cfPers_OrgUnit>
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<http://dspacecris.eurocris.org/jspui>

# Faceted search

Results 1-50 of 863 (Search time: 0.003 seconds).

[1](#) [2](#) [3](#) [4](#) ... [18](#) [next](#)

## CERIF Semantics Classification

Title/Name
<a href="#">CRIS-ID</a>

## Events

Title/Name
<a href="#">CRIS 2012 - Prague</a>
<a href="#">CRIS 2002 - Kassel</a>
<a href="#">CRIS 2010 - Aalborg</a>

## Organization Units

Name	Director
<a href="#">CRIS Architecture and Development TG</a>	
<a href="#">euroCRIS</a>	

## Community Hits:

Community Name
<a href="#">euroCRIS/CERIF Outreach</a>
<a href="#">Annual CRIS Seminars Series</a>
<a href="#">euroCRIS Membership Meetings</a>

<http://dspacecris.eurocris.org/jspui>

## Discover

### By people

[Andrea Bollini \(1\)](#)  
[Asserson, Anne \(1\)](#)  
[Baker, David \(1\)](#)  
[Brasse, Valérie \(1\)](#)  
[Clements, Anna \(1\)](#)  
[De Castro, Pablo \(1\)](#)  
[Dvořák, Jan \(1\)](#)  
[Ebert, Barbara \(1\)](#)  
[Houssos, Nikos \(1\)](#)  
[Jeffery, Keith G. \(1\)](#)

[next >](#)

### By type

[CERIF Class \(514\)](#)  
[Items \(282\)](#)  
[Collections \(24\)](#)  
[Researchers \(15\)](#)  
[Communities \(12\)](#)  
[OrgUnits \(12\)](#)  
[Events \(4\)](#)

### By structure

[Best Practice TG \(1\)](#)  
[CERIF TG \(1\)](#)  
[CINECA \(1\)](#)  
[CRIS Architecture and Develop... \(1\)](#)  
[euroCRIS \(1\)](#)  
[GrandIR Ltd. \(1\)](#)  
[Indicators Task Group \(1\)](#)  
[National Documentation Centre... \(1\)](#)  
[Radboud Universiteit Nijmegen \(1\)](#)  
[Universitetet i Bergen \(UiB\) \(1\)](#)

[next >](#)



## More to come....



- Network visualization and analysis
- Usage Statistics (need for usage data to be collected over a sufficient amount of time)
  - CRIS entity detail page visit
  - Item views & downloads (including Global & Top)
  - related CERIF entity views & downloads
- Population with less recent contributions (pending completion)
- Complete configuration
- Extend entities and descriptions (e.g. researchers' profiles, community engagement expected)
- Upgrade to DSpace 4, hosting by Cineca







# Conclusions



- Benefits for universities and other research institutions:
  - Fully-featured, interoperable repository
  - Visibility on the web
  - CRIS to manage other research entities than publications
  - Open-source platform to be independent and for long-term sustainability
  - Free software to reduce expenses
  - Full support if and when needed (contact the authors of this presentation)
  - Opportunity to upgrade to a fully-featured CRIS (business processes, reporting, system integration etc):

<http://www.cineca.it/en/content/iris-institutional-research-information-system>



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**Thank you!**

**susanna.mornati@ Cineca.it**

Susanna Mornati  
IT Solutions for Research  
Information Management  
CINECA  
s.mornati@cineca.it

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euroCRIS Board member –  
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