

4SCIENCE

SHARE YOUR KNOWLEDGE

Your today's research is tomorrow's science:
manage it, preserve it, share it. Now.

DSpace-CRIS: How it works and how to leverage it
DuraSpace Webinar, 2017 June 15th

Susanna Mornati and Andrea Bollini, www.4science.it

DSpace and “extended” DSpace

- DSpace is the most popular Digital Asset Management System in the world
- More and more HE and Research Institutions are asking for Research Information & Data Management tools
- Why not using an “extended” version of DSpace to meet these two relevant needs?

DSpace-CRIS: what?

- In 2009, the team now at 4Science led by Susanna Mornati and Andrea Bollini, together with the team at Hong Kong University led by David T. Palmer, created DSpace-CRIS
- DSpace-CRIS is an “extended” version of DSpace, with a powerful and flexible data model to describe not just publications, but all the entities that populate the research environment and their meaningful links

DSpace-CRIS: why?

- Buying a commercial platform to manage Research Information (a CRIS or RIMS) is expensive and binds your institutions to a proprietary system
- DSpace-CRIS is free, open source, compliant with open standards, and provides your institution with a sustainable and effective tool to manage research information such as researchers' profiles, department pages, project grants & awards, research outputs, metrics, reports and statistics

DSpace-CRIS: how?

- Every institution can upgrade their DSpace installation to DSpace-CRIS, extending the management of research publications by creating new entities such as Researchers and Projects
- Your publications will be safely managed as before, adding the advantage of linking them to relevant information such as authors, datasets, projects, metrics, networks, statistics and much more

DSpace-CRIS: when?

- Now: every moment is appropriate to enhance your repository to support your research community and make your service more relevant for the institutional strategy
- Upgrading from DSpace to DSpace-CRIS or installing a brand-new “extended” repository does not take much extra effort and it is largely rewarded by the extraordinary results that you can get

DSpace-CRIS: where?

- Universities and Research Centers will obviously benefit from a platform that can collect, manage, preserve and disseminate all information about research and its performance.
- GLAM (Galleries, Libraries, Museums, Archives) can likewise benefit from DSpace-GLAM, a “flavour” of DSpace-CRIS specially configured to provide a rich context to digital assets of the Cultural Heritage (but this will be the topic of a future webinar...)

DSpace-CRIS: who?

- You! Are you an IT specialist, a librarian, an archivist, a research manager, a policy maker, a strategist, a researcher?
- Ask your institution to adopt DSpace-CRIS, to gain knowledge about institutional assets and performance, and to provide them with the deserved visibility to the world!

DSPACE-CRIS: <https://digital.csic.es/> Integrated with an internal CRIS



CSIC Research ▾

Pasarela

Statistics

Contact

Search DSpace



Sign on to: ▾

English español



Welcome to **DIGITAL.CSIC**, the institutional repository of the **Spanish National Research Council**.

DIGITAL.CSIC organizes, preserves and provides open access to CSIC research outputs.

[DIGITAL.CSIC Annual Reports](#)



DIGITAL.CSIC
OPEN SCIENCE



Send us your works

CÓMO CONSULTAR DIGITAL.CSIC

PRINCIPIOS

Tecnología SOLR
Búsqueda booleana 'AND'
Búsqueda en metadatos y
texto completo

RECOMENDACIONES

Uso de términos controlados
Evitar signos especiales

BUSCAR

Búsquedas simples
Búsquedas avanzadas
Tipos de filtros



[NAVEGAR](#)

[ORDENAR RESULTADOS](#)

Highlights

📄 New CSIC Abierto Issue Out [11/05/2017]

CSIC Abierto 15 features how CSIC institutes have integrated the repository into their scientific communication strategies so as to maximize impact of their research outputs, enhance dissemination of non traditional research outcomes and test innovative ways to share projects. The issue also includes an interview with Open Access Button team.

📄 DIGITAL.CSIC Workshop on Open Science [26/04/2017]

Open Science advocates for making science more collaborative and using new channels and tools to disseminate and share knowledge. Its innovative approach covers the entire research process to increase science quality, transparency and effectiveness and better align it with social challenges. The slides of "**Introduction to Open Science**" workshop address topics and tools of interest.

📄 Slides of COAR Controlled Vocabularies Webinar in Spanish [23/03/2017]

On March 16, 2017 COAR in partnership with La Referencia held the webinar **Vocabularios Controlados para Repositorios: Objetivos y Avances del Grupo de Trabajo COAR**. The speakers are members of the Editorial Board of this COAR Working Group

4SCIENCE

Share your knowledge

DSpace-CRIS: <http://www.earth-prints.org/> Ontological approach

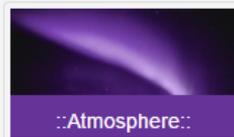
Welcome to the OA Earth-prints Repository!

Earth-Prints is an open archive created and maintained by Istituto Nazionale di Geofisica e Vulcanologia. This digital collection allows users to browse, search and access manuscripts, journal articles, theses, conference materials, books, book-chapters, web products.

The goal of our repository is to collect, capture, disseminate and preserve the results of research in the fields of Atmosphere, Cryosphere, Hydrosphere and Solid Earth. Earth-prints is young and growing rapidly. Check back often.

Please notice that some documents are protected by institutional policy. Please contact the authors for additional information.

Earth-prints



Most Viewed

Radio Echo Sounding (RES) investigations at Talos Dome (East Antarctica): bedrock topography and ice thickness 14,509
Bianchi, C.; *Cafarella, L.*; *De*

Most Downloaded

Earth-prints Open Archive: brochure *Chiodetti, A. G.* 75,240
Type Extended abstract

Recent Submissions

Discriminating between natural and anthropogenic earthquakes: insights from the Emilia Romagna (Italy) 2012 seismic

DSpace-CRIS as a National Portal in Catalunya: <http://portalrecerca.csuc.cat/>

PRC

Portal de la Recerca
de les Universitats de Catalunya

Home About PRC FAQ Contact us Language ▾

Search...

The whole portal ▾



Universities &
Research centres

12



Departments,
Institutes & Areas

385



Research projects

30,377



Research groups

1,519



Researchers

9,500



Publications

449,497



Theses

25,568

Els 258 professors d'investigació ICREA han rebut 74 milions d'euros de finançament extern (any 2016)

Des de l'any 2001, la Institució Catalana de Recerca i Estudis Avançats (ICREA) ha reunit una comunitat de científics i acadèmics d'alt nivell de tot el món que treballen en el sistema de recerca català i en totes les disciplines acadèmiques, des de la filosofia a l'astrofísica.

Collecting data about researchers, organizations, projects, publications from all the Catalan Universities

Run by the Consorci de Serveis Universitaris de Catalunya as a national service to raise visibility and awareness about Catalan Research

4SCIENCE
Share your knowledge

DSpace-CRIS: make it beautiful

- State-of-art technology for your UI (next: version 7 with AngularJS UI)
- Adaptive, responsive
- Icons for intuitive exploration
- Widgets for most viewed, most cited, etc.

The screenshot displays the Ktisis website interface. At the top, there is a navigation menu with links: Home, Communities & Collections, Research Outputs, Researchers, Faculty & Departments, Theses, Patents, Projects, and Help. A language selection dropdown is on the right. Below the navigation is a header section with the text "Ktisis at Cyprus University of Technology".

The main content area features a "Welcome to Ktisis" section with a descriptive paragraph. To the right, there are two prominent banners: "THE WORLD UNIVERSITY RANKINGS" and "THE YOUNGEST AMONG THE TOP EUROPEAN UNIVERSITIES".

Below the banners is a search bar with the placeholder text "Search term...". Underneath the search bar are three main navigation widgets: "People" (315), "Faculty & Departments" (22), and "Publications, books, articles..." (1205). Each widget includes an icon and a button labeled "Explore".

At the bottom, there are three content widgets: "Recent Submissions", "Most Viewed", and "Most Cited". Each widget displays a list of items with titles, authors, and source information.

DSpace-CRIS use cases: an item

Ktisis at Cyprus University of Technology / Cyprus University of Technology Repository / Άρθρα/Articles

Please use this identifier to cite or link to this item: <http://ktisis.cut.ac.cy/handle/10488/7613>

Title: A strong regioregularity effect in self-organizing conjugated polymer films and high-efficiency polythiophene: fullerene solar cells

Authors: Choulis, Stelios A. 
Kim, Youngkyoo 
Cook, Steffan 

Keywords: Polymers
Fullerenes
Nanostructured materials
Plastic films
Solar cells

Issue: 2006
Date:

Publisher: Nature

Source: Nature materials, 2006, Volume 5, Issue 3, Pages 197-203

Abstract: The influence of polymer regioregularity (RR) on the molecular nanostructure, and on the resulting material properties and device performance was analyzed. Annealed blend films show increased α regardless of RR, that indicates improved charge-carrier diffusion. It was found that the highest device efficiencies will be achieved with the highest RR P3HT. It was also found that the dark-current density of as-fabricated devices made with pristine P3HT increases with the RR of P3HT in the higher voltage regime

URI: <http://ktisis.cut.ac.cy/handle/10488/7613>

ISSN: 1478-1122 (print)
1478-4660 (online)

DOI: 10.1038/nmat1574

SCOPUS^{1M}
Citations

1,805 

checked on Apr 8, 2017

1

WEB OF SCIENCE^{1M}
Citations

1,759 

checked on May 11, 2017

1



Page view(s)

234 

Last Week
11

Last month
50

checked on Jun 12, 2017

1



Google Scholar^{1M}

Check



Altmetric

DSpace-CRIS use cases: a researcher

Kalogirou, Soteris A.

 Network Lab

 View Statistics

 Email Alert

 RSS Feed

 Claim profile

Profile

Bibliometrics

Publications

Projects

Profile



Full Name

Kalogirou, Soteris A.

Greek Name

Καλογήρου, Σωτήρης

Department

Department of Mechanical Engineering and Materials Science and Engineering

Faculty

Faculty of Engineering and Technology

Email

soteris.kalogirou@cut.ac.cy

ORCID

0000-0002-3654-1437

Scopus Author ID

7005998383

Researcher ID

D-3883-2015 

Biography

Soteris Kalogirou was born in Trachonas, which is a suburb of Nicosia. He is married and has two children. He received his first Degree in Mechanical Engineering from the Higher Technical Institute (1982) his Master of Philosophy (M.Phil) in Mechanical Engineering from the Polytechnic of Wales (1991) and his Ph.D in Mechanical Engineering from the University of Glamorgan, UK (1995). In June 2011 he was awarded from the University of Glamorgan, UK the title of D.Sc. He was employed as a Building Services Consultant by the firm Intersol Engineering from 1982-1987, and in various positions in the Mechanical Engineering and Engineering Practice Departments of the Higher Technical Institute from 1987 to 2007. In 2008 he was transferred to the Cyprus University of Technology and now he is a Senior Lecturer in Mechanical Engineering. He is considered internationally as an expert in the field of solar thermal collectors and to the use of artificial intelligence techniques for the performance prediction of energy and renewable energy systems. He is member of CIBSE (Chartered Institution of Building Services Engineers).

DSpace-CRIS use cases: a researcher

Ktisis at Cyprus University of Technology

Kalogirou, Soteris A.

 Network Lab

 View Statistics

 Email Alert

 RSS Feed

 Claim profile

[Profile](#)

[Bibliometrics](#)

[Publications](#)

[Projects](#)

Bibliometrics

Total Citations
SCOPUS™

7,072

checked on Jun 13, 2017

1

Works indexed in
SCOPUS™

89

checked on Jun 13, 2017

1

Total Citations
WEB OF SCIENCE™

6,455

checked on Jun 13, 2017

1

Works indexed in
WEB OF SCIENCE™

113

checked on Jun 13, 2017

1

DSpace-CRIS use cases: a researcher

Kalogirou, Soteris A.

Network Lab

View Statistics

Email Alert

RSS Feed

Claim profile

Profile

Bibliometrics

Publications

Projects

Publications (Articles) ▾

Show/Hide filters ▾

Results 1-20 of 133 (Search time: 0.044 seconds).

1 2 3 4 5 6 7 →

Refman EndNote Bibtex RefWorks Excel CSV Send via email

<input type="checkbox"/>	Issue Date	Title	Author(s)
<input type="checkbox"/>	1 2012	A detailed thermal model of a parabolic trough collector receiver	Kalogirou, Soteris A.
<input type="checkbox"/>	2 2005	A new approach using artificial neural networks for determination of the thermodynamic properties of fluid couples	Sencan, Arzu ; Kalogirou, Soteris A.
<input type="checkbox"/>	3 2011	A note from the Editors of Energy	Wang, Ruzhu ; Lund, Henrik ; Kalogirou, Soteris A.
<input type="checkbox"/>	4 1999	A thermal model for reptiles and pelycosaurus	Florides, Georgios A. ; Wrobel, L. C. ; Kalogirou, Soteris A. ; Tassou, Savvas A. ; Florides, Georgios A. ; Wrobel, L. C. ; Kalogirou, Soteris A. ; Tassou, Savvas A.
<input type="checkbox"/>	5 2008	An adaptive wavelet-network model for forecasting daily total solar-radiation	Mellit, Adel ; Benghanem, Mohamed S. ; Kalogirou, Soteris A. ; Mellit, Adel ; Benghanem, Mohamed S. ; Kalogirou, Soteris A.
<input type="checkbox"/>	6 2011	ANFIS-based modelling for photovoltaic power supply system: a case study	Mellit, Adel ; Kalogirou, Soteris A. ; Mellit, Adel

Dspace-CRIS use cases: a researcher

Researcher Profile Statistics: Kalogirou, Soteris A.

View Count Download Count Item View Count Item Download Count From: ever To: now Change date range

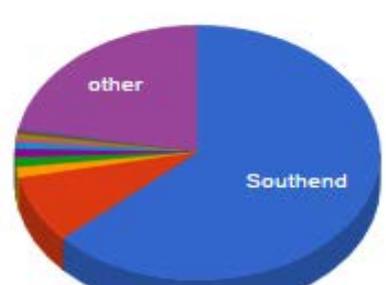
RSS Feed Email Alert

Geo Map



Region Country **City** Time

Save as a PNG Save as a JPEG



- Southend
- Nicosia
- Moscow
- Shanghai
- Mountain View
- Ashburn
- Limassol
- Los Angeles
- Athens

DSpace-CRIS use cases: a researcher

The image shows a researcher's profile page on a DSpace-CRIS system. The background page features the logo of the Cyprus University of Technology (KTISIΣ) and the text 'Τεχνολογικό'. The profile is for Soteris A. Kalogirou, with a photo and department information: 'Department of Mechanical Engineering and Materials Science and Engineering'. Navigation tabs include 'Profile', 'Bibliometrics', and 'Publications'. Utility links for 'Email Alert', 'RSS Feed', and 'Claim profile' are visible.

The foreground modal dialog box is titled 'Claim Researcher Page' and contains the following text and elements:

- Instruction: "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: "Emails: s o t e r i s a . k a l o g i r o u @ c y t . c y"
- Input field: A text box for entering the encrypted string, followed by a green 'Go' button.
- Alternative login: "Login via ORCID to claim this profile:" with an 'ORCID Login' button featuring the ORCID logo.
- Close button: A 'Close' button at the bottom right of the dialog.

DSpace-CRIS use cases: identifiers

- And here I come to one of the most beautiful sides of DSpace-CRIS: a whole world of persistent identifiers!
- A flexible but robust data model that leverages persistent identifiers, wherever possible, to create unambiguous and navigable relations among all entities: a researcher's ORCID with their publication / dataset handle / DOI, journal ISSN, project ID, funder ID, previous and next version, and so on...

DSpace-CRIS use cases: identifiers in a dataset

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/13>

Title: Example of XLS to setup CRIS data model

Authors: [Bollini, Andrea](#)

person(s)

Issue Date: 2016

Project: [Gamma ray burst](#)

project(s)

Related Publication: [Research Data sample item](#)

publication(s)

Conference: [Conference on High Energy](#)

event(s)

Abstract: This is the sample data model configuration script for the org.dspace.app.cris.batch.StartupMeta dataCo

URI: <http://hdl.handle.net/123456789/13>

Appears in Collections: [Datasets](#)

Show full item record

SCOPUS™ Citations
10
checked on Nov 8, 2016

WEB OF SCIENCE™ Citations
45
checked on Nov 8, 2016

Title: DSpace-CRIS 5 Technical documentation

Authors: [Bollini, Andrea](#)
[Pascarelli, Luigi Andrea](#)

Issue Date: 2016

Project: DSpace-CRIS Open Source: CRIS made easy with DSpace

- Related Dataset:
- [Example of CSV to import items into repository](#)
 - [Example of XLS to import organizations into repository](#)
 - [Example of XLS to import projects into repository](#)
 - [Example of XLS to import researchers into repository](#)
 - [Example of XLS to import journals into repository](#)
 - [Example of XLS to import events into repository](#)
 - [Example of XLS to setup CRIS data model](#)

back link

Journal: [Music and waves](#)

Abstract: The DSpace-CRIS technical documentation provides useful information to setup, configure and

DSpace-CRIS: interoperability

- How not to mention another powerful feature of DSpace-CRIS? Save your researcher's time and provide records from ORCID, PubMed, Scopus, WebOfScience, ArXiv, CrossRef and more...
- Import information from master legacy systems such as HR, export information to your data warehouse or your analytics solution, integrate your DSpace-CRIS with the institutional Identity Management system to control authentication and authorization, and so on...

DSPACE-CRIS: interoperability in submission

▼ Search for identifier

Fill in publication identifiers (DOI is preferable) and then press "Search". A list of all matching publications will be shown to you to select in order to proceed with the submission process.

PubMed ID:

e.g. 20524090



DOI (Digital Object Identifier) :

e.g. 10.1021/ac0354342



SCOPUS ID:

e.g. 2-s2.0-0000000117



WOS ID:

e.g. WOS:000270372400005



ORCID iD:

e.g. 0000-0002-9029-1854



arXiv ID:

e.g. arXiv:1302.1497



Cinii NAID:

e.g. 110004744915



Search

DSpace-CRIS: interoperability magic!

Bollini, A.

2006

[See details & import the record](#)



Guia de instalação DSpace-CRIS

Lucas Ângelo da Silveira, Milton Shintaku, Andrea Bollini

2016

[See details & import the record](#)



Publication metadata in CERIF: Inspiration by FRBR

Dvořák, J., Drobíková, B., Bollini, A.

2014

[See details & import the record](#)



DSpace-CRIS@HKU: Achieving visibility with a CERIF compliant open source system

Palmer, D.T., Bollini, A., Mornati, S., Mennielli, M.

2014

[See details & import the record](#)

Full integration with ORCID,
pull and push APIs
for all entities:
Profiles
Publications
Projects

DSpace-CRIS use cases: Research Data

- And here we come to another piece of magic you can do with DSpace-CRIS: recently at 4Science we released, free and open source, an integration with CKAN, the world's leading open-source data management platform
- You can now offer data discovery, exploration, preview, sampling and visualization from your DSpace-CRIS repository just by adopting the CKAN add-on!
- CKAN makes open webservice for tabular data available: <https://ckan.org/>
- DSpace-CRIS & DSpace-CKAN add-on: <https://github.com/4Science/dspace-ckan>

CKAN Add-On Module: preview tabular & geospatial data

Paginated and filterable

Grid Graph Map 639 records « 1 - 100 » Search data ... Go » Filters

lon	lat	clase	municipio	nombre	dirección	actividad
-16.637585	28.1580...	turismo	Vilaflor	Hotel Vill...	Cm San ...	alojamie...
-16.637835	28.1549...	turismo	Vilaflor	El Somb...	Cl Santa...	alojamie...
-16.662599	28.1216...	turismo	Vilaflor	El Nogal	Cm Real...	alojamie...
-16.636974	28.1593...	turismo	Vilaflor	Tio Paul...	Pz La Igl...	alojamie...
-16.636297	28.1585...	turismo	Vilaflor	Los Gira...	Cl Dolor...	alojamie...
-16.66551	28.1187...	turismo	Vilaflor	Los F...	Cm ...	alojamie...
-16.666047	28.116...	turismo	Vilaflor	Los ...	Cl ...	alojamie...
-16.636497	28.157...	turismo	Vilaflor	Los ...	Cl ...	alojamie...
-16.366122	28.512...	turismo	Adeje	Albatros	Av Jable ...	alojamie..
-16.35427	28.496...	turismo	Arona	Parque Albatros	Lg Costa...	alojamie..
-16.3502...	28.525...	turismo	San Miguel	Parque Albatros	Ur Golf d...	alojamie..
-16.425668	28.502...	turismo	San Miguel	Parque Albatros	Ur Golf d...	alojamie..
-16.300875	28.408...	turismo	San Miguel	Parque Albatros	Ur Golf d...	alojamie..

Grid Graph Map 3 records « 1 - 3 » albatros Go » Filters

lon	lat	clase	municipio	nombre	dirección	actividad
-16.783282	28.1292...	turismo	Adeje	Albatros	Av Jable ...	alojamie..
-16.6439...	28.0056...	turismo	Arona	Parque Albatros	Lg Costa...	alojamie..
-16.610889	28.0260...	turismo	San Miguel	Parque Albatros	Ur Golf d...	alojamie..

Filters

Field
lon

Add

CKAN Add-On Module: preview tabular & geospatial data

Graph visualization

DSpace-CRIS DEMO

[back to the Record page](#)

Grid Graph Map

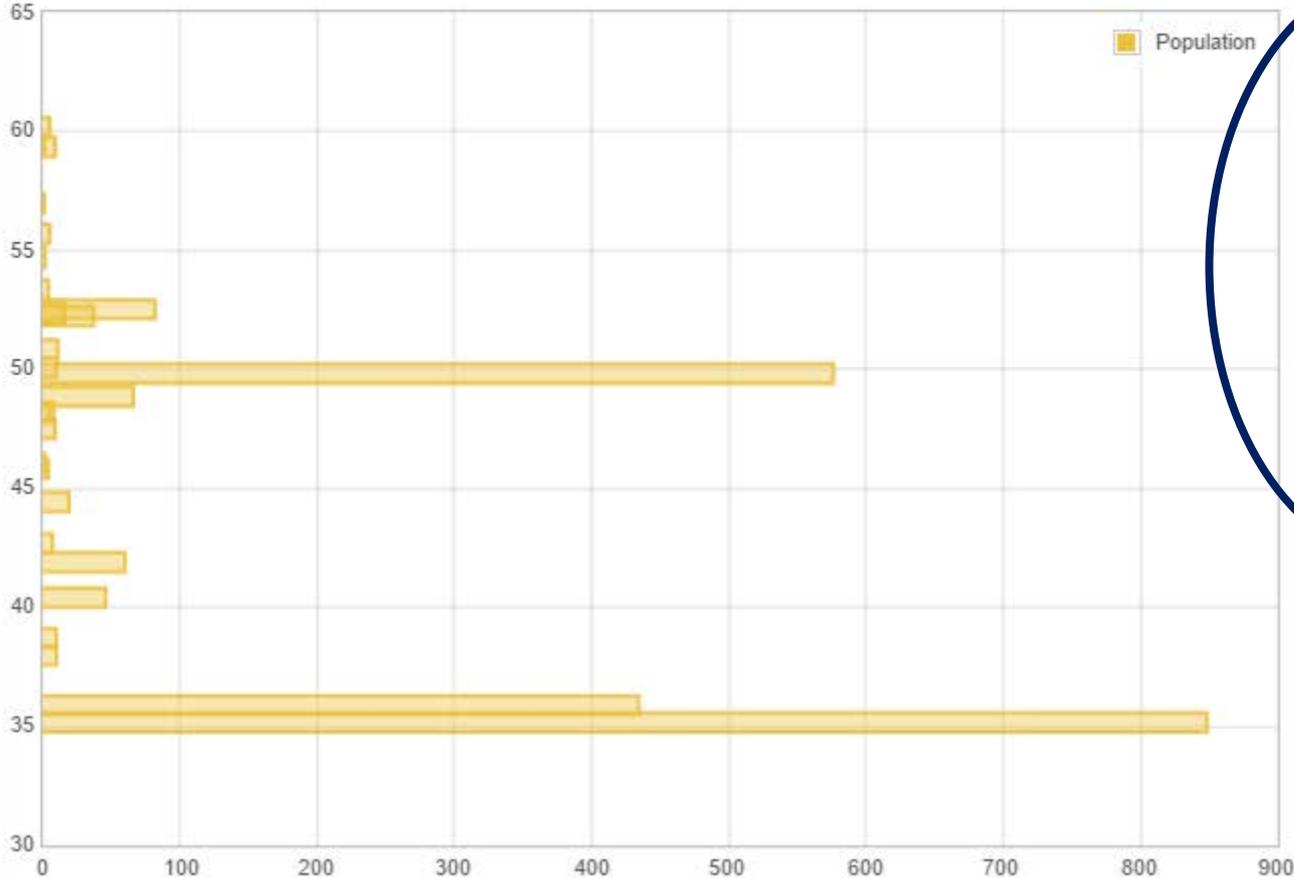
27 records

« 1 - 0 »

Search data ...

Go »

Filters Fields



Graph Type

Bars

Group Column (Axis 1)

Latitude

Series A (Axis 2) [Remove]

Population

Add Series

CKAN Add-On Module: preview tabular & geospatial data

Interactive map visualization

Grid Graph **Map** 639 records « 1 – 100 » Search data ... Go » Filters

lon	lat	clase	municipio	nombre	dirección	actividad
-16.637585	28.1580...	turismo	Vilaflor	Hotel Vill...	Cm San ...	alojamie...
-16.637835	28.1549...	turismo				
-16.662599	28.1216...	turismo				
-16.636974	28.1593...	turismo				
-16.636297	28.1585...	turismo				
-16.66551	28.1187...	turismo				
-16.666047	28.1168...	turismo				
-16.636497	28.1572...	turismo				
-16.366122	28.5127...	turismo				
-16.35427	28.4963...	turismo				
-16.3502...	28.5253...	turismo				
-16.425668	28.5024...	turismo				
-16.300875	28.1085	turismo				

Grid Graph Map 639 records « 1 – 100 » Search data ... Go » Filters

Latitude / Longitude fields
 GeoJSON field

Latitude field
lat

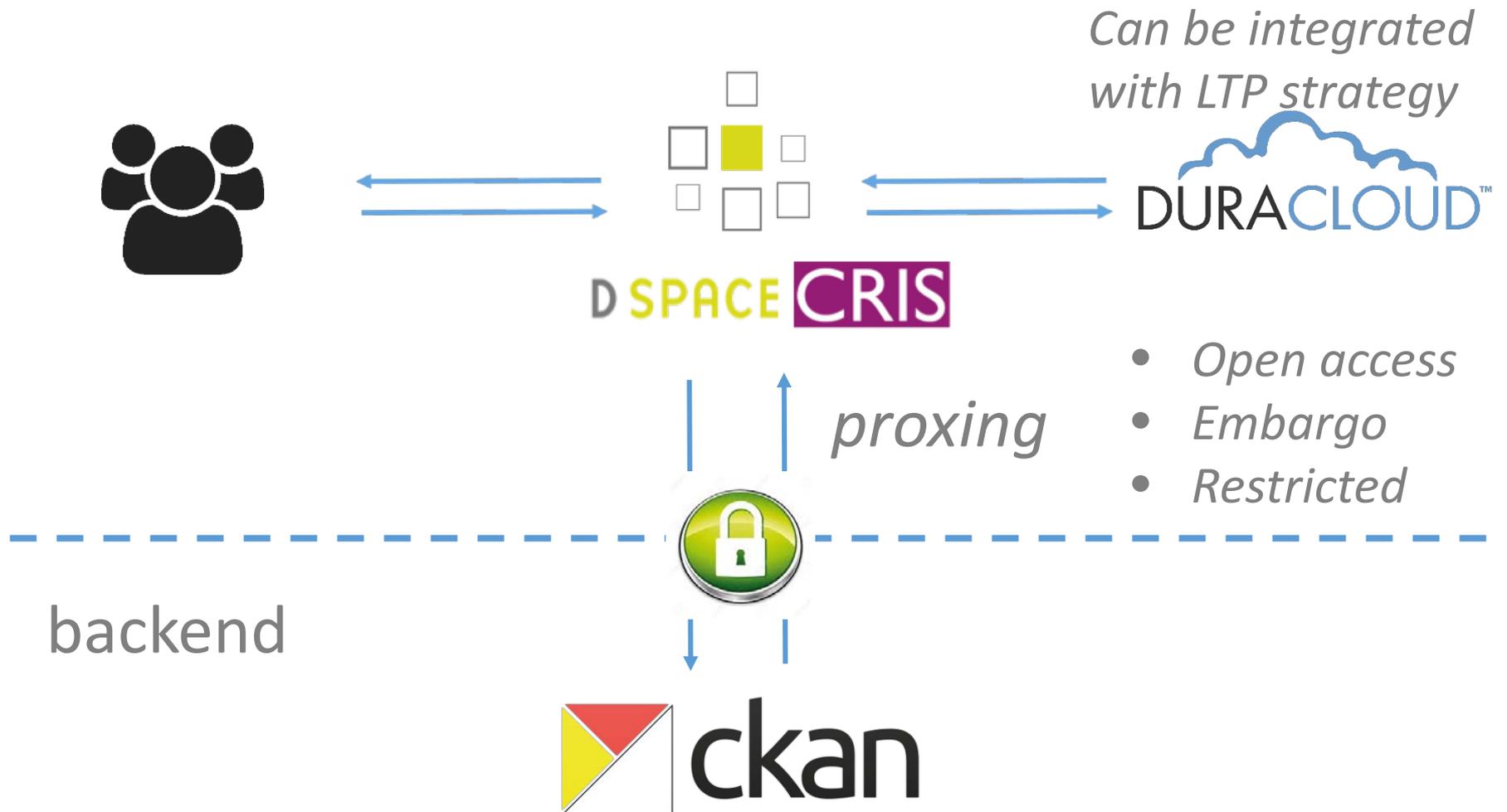
Longitude field
lon

Update

Auto zoom to features
 Cluster markers

Leaflet | Map data © 2011 OpenStreetMap contributors, Tiles Courtesy of MapQuest

CKAN Integration Add-On: architecture



DSpace-CRIS use cases: Images

- An astrophysics image can be over 5GB!
- High-quality scanned books have images typically over 100MB for each page
- Medical images can also be very large
- The structure of image sequences are complex and relevant (page sequences, evolution of phenomena in medical images, etc.)

DSpace-CRIS use cases: beyond publications

Image files (medical, astrophysics, cultural heritage: digitalized manuscript, rare books, etc.) need to be consulted online, discussed and commented / annotated

IIIF protocols and formats allow you to meet these requirements in a standard and understandable way (for both humans and machine)

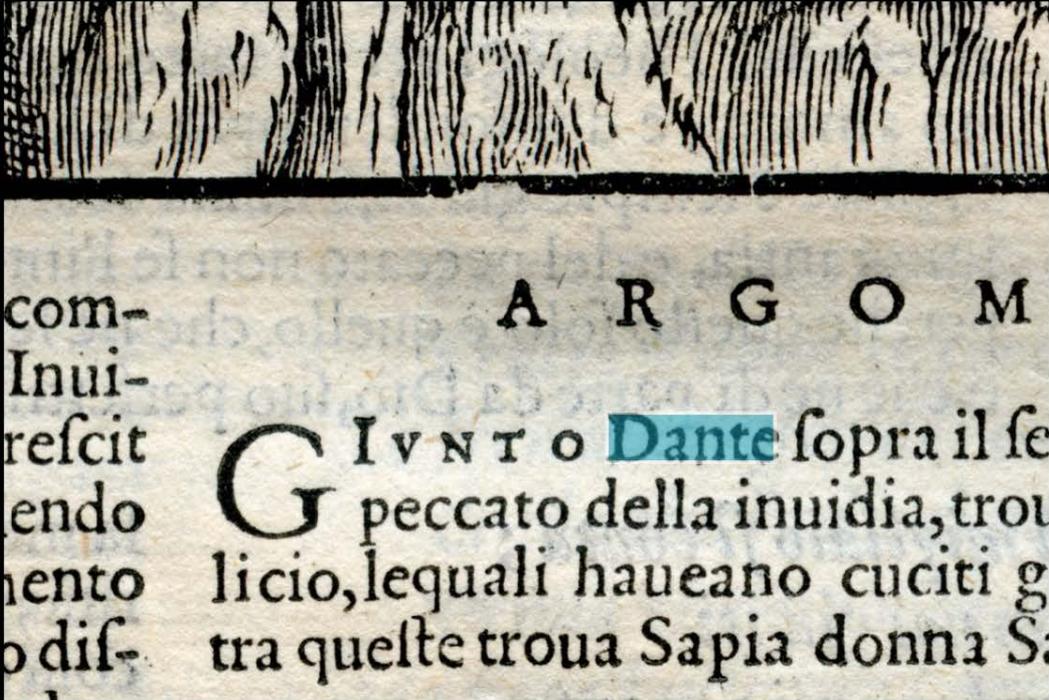
Image 7 of 8 Go

CONTENTS << Dante con l'esposizioni di Christoforo Landino et d'Alessandro Vellutello sopra...

Index Thumbnails

Indice

- Canto I
- Canto II
- Canto III
- Canto IV
- Canto V
- Canto VI
- Canto VII
- Canto VIII



ARGOM

GIUNTO Dante sopra il se peccato della inuidia, troua licio, lequali haueano cuciti g tra queste troua Sapia donna S'

MORE INFORMATION

About the item

Title

Dante con l'esposizioni di Christoforo Landino et d'Alessandro Vellutello sopra la sua Comedia

Other Titles

Divina Commedia

Authors

- Dante Alighieri
- Christoforo Landino
- Alessandro Vellutello

Issue Date

1578

Publisher

Appresso Giovambatista (In Venetia)

Type

Book

Related Event

page Dante007.tif of -

Previous Result 3 results found for 'Dante' Clear Next Result

Discussion around the IIF Support in DSpace:

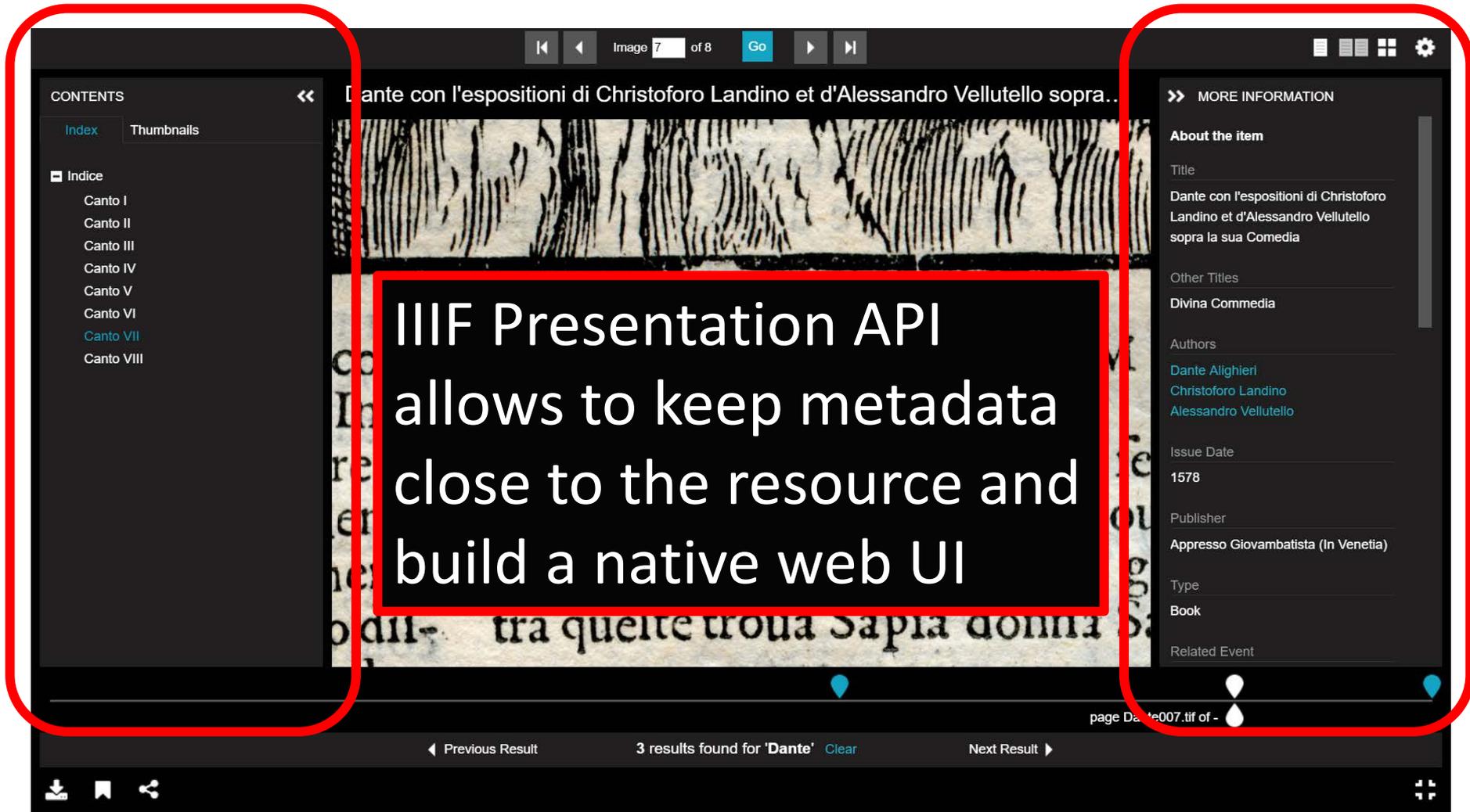
<https://wiki.duraspace.org/display/DSPACE/IIF+and+DSpace>

IIIF Image API
allows a smooth
interaction with the
image files

The screenshot displays a digital library interface. On the left, a sidebar shows navigation options for 'Canto VII' and 'Canto VIII'. The main area features a manuscript page with the text 'ARGOM' and 'GIUNTO Dante sopra il se peccato della invidia, trou licio, lequali haueano cuciti g tra queste troua Sapia donna S'. A search overlay is present, showing '3 results found for 'Dante' Clear' and 'Next Result'. The right sidebar contains 'MORE INFORMATION' for the item, including 'About the item', 'Title', 'Other Titles', 'Authors', 'Issue Date', 'Publisher', 'Type', and 'Related Event'. The interface includes a search bar at the top with a 'Go' button and navigation controls.

Discussion around the IIIF Support in DSpace:

<https://wiki.duraspace.org/display/DSPACE/IIIF+and+DSpace>



Discussion around the IIIF Support in DSpace:

<https://wiki.duraspace.org/display/DSPACE/IIIF+and+DSpace>

A native web UI allows easy integration with other services/technologies as web annotation

The screenshot displays a digital library interface. On the left, a sidebar lists navigation options: Canto V, Canto VI, Canto VII (highlighted in blue), and Canto VIII. The main content area shows a manuscript page with the text "ARGOM" and "G I V N T O Dante sopra il se peccato della invidia, trou licio, lequali haueano cuciti g". The word "Dante" is highlighted in blue and enclosed in a red box. On the right, a "MORE INFORMATION" panel provides details about the item, including the title "Dante con l'esposizioni di Christoforo Landino et d'Alessandro Vellutello sopra la sua Comedia", authors "Dante Alighieri", "Christoforo Landino", and "Alessandro Vellutello", and the issue date "1578". The bottom of the interface shows a search bar with "3 results found for 'Dante'" and navigation buttons for "Previous Result" and "Next Result".

here, actually a transcription driven by the IIF Search API

Discussion around the IIF Support in DSpace:

<https://wiki.duraspace.org/display/DSPACE/IIF+and+DSpace>

DSpace-CRIS use cases: beyond publications

The same requirements apply to audio and video content

- Streaming
- Internal structure
- Annotation / commenting / transcript

Adopt an open standard: the MPEG-DASH format allows adaptive streaming over simple html client with full support for multiple tracks, ToC, subtitles

DSpace-CRIS add-ons

The IIF Image Viewer, Document Viewer, OCR & Transcription, Video/Audio Streaming are add-on modules presently distributed by 4Science with an innovative business model: contribute to make them open source soon!

<http://www.4science.it/en/dspace-add-ons/>

DSPACE-CRIS in a nutshell



Version 5.6.1 released on 16th November 2016

<https://github.com/4Science/DSpace/tree/dspace-cris-5.6.1>

Version 6 RC coming on June 20th 2017



**Participate in
our Testathon!
To be
announced in
the next days**

More than 80 DSpace-CRIS installations worldwide:

Asia | North America | South America | Europe | Australia | Africa

The only open-source CRIS, maintained in the context of
a vast and authoritative worldwide community.

Documentation and software available on the DSpace Wiki:

DSpace-CRIS: undergoing

- Smart tabular & visual (diagrams, graphs) reporting and benchmarking analysis
- Sentiment analysis from social media and predictive machine-learning algorithms
- Working with authoritative partners (to be announced soon)
- More detailed roadmap at:
<https://wiki.duraspace.org/display/DSPACE+CRIS/Project+RoadMap>

4Science: a DSpace Registered Service Provider, with two DSpace Committers, the Lead of the REST API sub-team for DSpace 7, and a member in the Steering Group



A **longtime commitment** in open source, open standards, interoperability, contributing to the most relevant international communities.



ORCID

Connecting Research
and Researchers



Where to find us next?

OAI 10
Geneva
21-23 June

Open
Repositories
2017
Brisbane
26-30 June

Thanks for your attention!

And more
to come!

euroCRIS
Fall Meeting
Bratislava
20-22 Nov

German DSpace
User Group
Meeting
Stuttgart
21 Sept

TPDL 2017
Thessaloniki
18-21 Sept

Susanna Mornati

susanna.mornati@4science.it

skype: susanna.mornati

linkedin: susannamornati

orcid: 0000-0001-9931-3637

Andrea Bollini

andrea.bollini@4science.it

skype: a.bollini

linkedin: andreabollini

orcid: 0000-0002-9029-1854