

euroCRIS Spring Meeting 2019

DSpace-CRIS: the Free Open-Source CRIS What's New in 2019

**Susanna Mornati, 4Science
Helsinki, May 27-29 2019**

The role of 4Science



Partners of organizations in open source sw and open standards:

CERTIFIED



PARTNER



PKP

**PUBLIC
KNOWLEDGE
PROJECT**

and contributors to many other initiatives:



CERIF



4SCIENCE
Share your knowledge

DSpace-CRIS: a community tool

- DSpace-CRIS is one of the most popular Research Management Systems in the world, and the only free open-source one, download it at: <https://wiki.duraspace.org/display/DSPACECRIS/DSpace-CRIS+Home>
- DSpace-CRIS is adopted in many countries and its adoption is growing fast: <https://wiki.duraspace.org/display/DSPACECRIS/DSpace-CRIS+Users>
- DSpace-CRIS is supported by a large community: join us at the first DSpace-CRIS User Group (coming soon, stay tuned at: <https://wiki.duraspace.org/display/DSPACECRIS/DSpace-CRIS+User+Group>)

Organizations contributing to DSpace-CRIS

- Hong Kong University (first contributor), Polytechnic University Hong Kong, National University Singapore, Nanyang Technological University, Singapore Polytechnic, National Taiwan University (top universities in Asia)
- Fraunhofer Society, Kassel University, Technical University Hamburg, Bamberg University, Goettingen University, Trieste University, Hasselt University, Coimbra University
- OpenAIRE (funding interoperability enhancements and compliancy with OpenAIRE guidelines and COAR NGR recommendations)

New features of DSpace-CRIS 2018-2019

- <https://wiki.duraspace.org/display/DSPACECRIS/Product+RoadMap>
- <https://wiki.duraspace.org/display/DSPACECRIS/New+Features>

euroCRIS MM Spring 2019 – take home message 1

- DSpace-CRIS is the **missing infrastructure bridge** between CRIS (based on CERIF) and the EOSC (sharing datasets)
- Compliancy with the OpenAIRE Guidelines for Data Archives (DataCite Schema v. 4)
- FAIR compliancy, ORCID compliancy, minting DOIs with DataCite, etc.
- Integration with CKAN to allow visualization of tabular data (paginated) and backend API to stream data to analysis applications (such as R) – DSpace DRM respected
- Data model representing the whole research ecosystem (CERIF entities and relationships: Researchers, OrgUnits, Projects, Outputs: publications, datasets, etc.)

euroCRIS MM Spring 2019 – take home message 2

- 4Science awarded for the implementation of the OpenAIRE-CRIS-CERIF Guidelines in DSpace-CRIS
- Supported by OpenAIRE, 4Science will implement the most recent version of the OpenAIRE Guidelines for CRIS Managers in the open source software DSpace-CRIS, with pilots in several institutions
- The main objectives of this implementation are to:
 - – realize the implementation of the latest OpenAIRE Guidelines for CRIS Managers in DSpace-CRIS
 - – enable DSpace-CRIS platforms to expose research information to OpenAIRE
- <https://www.openaire.eu/blogs/realizing-the-implementation-of-the-openaire-cris-cerif-guidelines-in-dspace-cris-1>

euroCRIS Spring Meeting 2019

Susanna Mornati, 4Science
susanna.mornati@4science.it

Where to find us
next:

GARR 2019
Turin
June 4-6

Open
Repositories
2019
Hamburg
June 10-13

COAR 2019
Lyon
May 21-23

Thank you for your attention!

OAI 11
2019
Geneva
June 19-21

Open Science
Fair 2019
Porto
September 16-18

DSpace
North American
User Group 2019
Minneapolis
Sept. 23-24

Force 11
2019
Edinburgh
October 16-17