**International Conference on Economics and Business Information
19 to 20 April 2016 in Berlin
Workshop on Current Research Information Systems (CRIS) and Libraries**

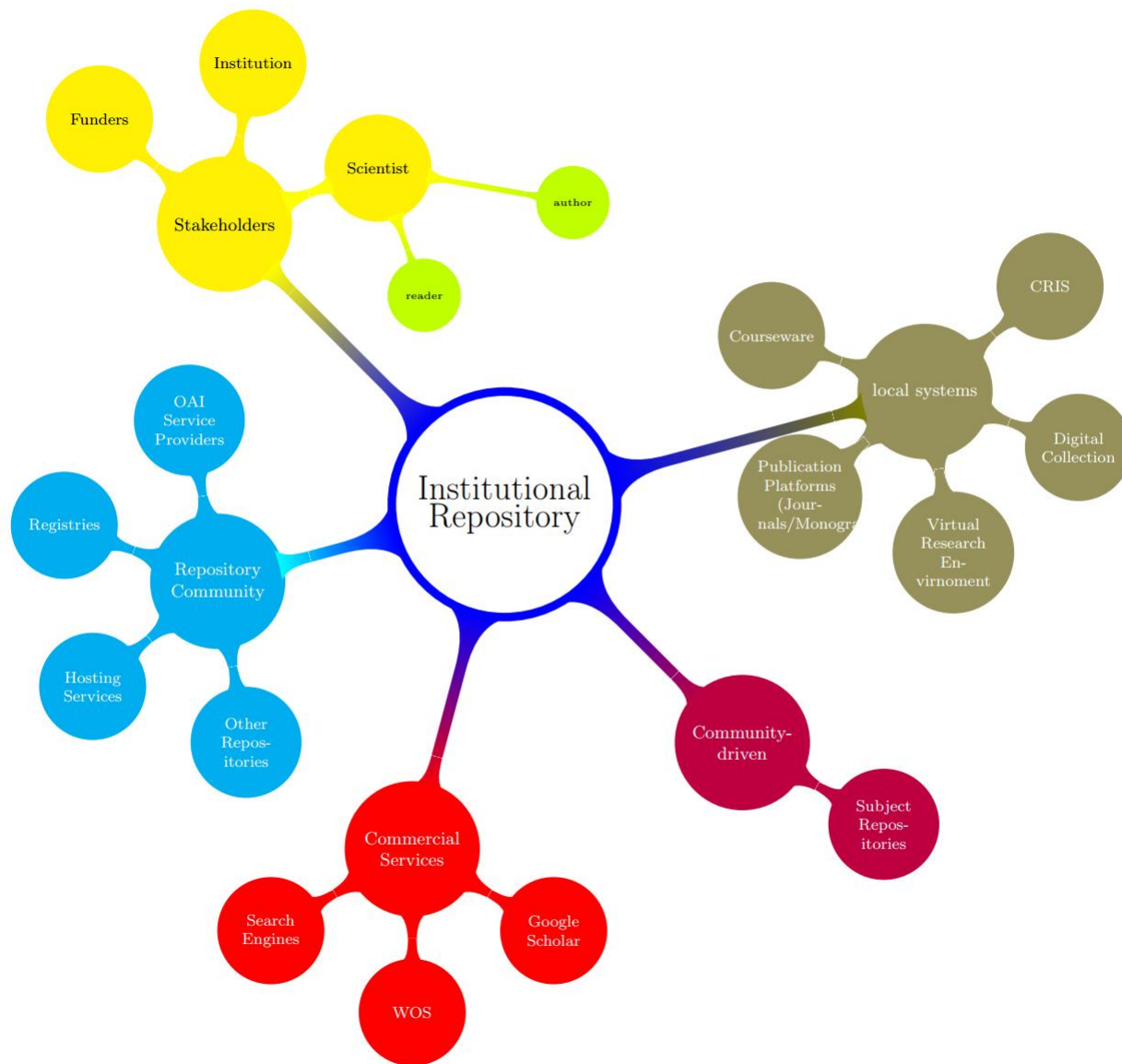Why Repositories and CRISs are complementary and should work together

Friedrich Summann

Bielefeld University Library

CRIS-IR interoperability

- The common intersection: Publications
- The main challenges:
  - The metadata format question (CERIF – DC/MODS/MARC)
  - Related Services and Their Embedding

UNIBI IR – CRIS Activities

- Publication Management System
  (IR with Project Extensions)

- Member of the global IR and CRIS network
  (DINI, COAR, KE)

- IR(/CRIS) Service Provider
  (BASE)

- National/European Projects
  (DRIVER/OpenAire/INTACT/
  ORCID-DE)

CRIS	IR
Internally/Externally-Orientated	Externally-orientated
Research Office	Library
Research Information Mgt.	Open Access
Metadata	Fulltext
Automatic Harvesting	Self/Archive/Mediate Deposit
CERIF	DC METS MODS
Proprietary Software	Open Source

The "atomic structure" of the CERIF-XML set of schemas has been criticised by the OAR community **as being too much a technically inspired structural copy of the CERIF database structure**

Why some institutions prefer to run CRISs

• Very comprehensive research information collection

• Oriented towards research reporting and evaluation (REF in the UK a big driver for CRISs)

• CRISs allow to deal with research funding at internal level -- very valued feature by Research Office managers

• CRISs will automatically harvest most institutional publications from external databases (it's about references not necessarily full-text)

• CRISs can now work as repositories: CRIS-as-IR use case

• CRISs will link to admin systems like HR or Finance

• CRISs (often) use CERIF as metadata standard -- very comprehensive and will ensure interoperabiity with funder systems

Comments – CRIS features

Pure is useful because it's one of the few systems that pulls data in from elsewhere

Why other institutions will keep using their repositories

• Emphasis on showcasing and offering Open Access to the institutional research output

• CRISs are very expensive and difficult to implement

• Repositories can rather effectively (and easily) be managed from the Library

• Repositories' publication-centered metadata model may be enhanced to collect additional info: IR-as-CRIS use case

• There are now funder mandates requiring Open Access for the next national research assessment

- **CRIS-as-IR**

CRIS replaces repository and by becoming OAI-PMH-compliant it's able to perform its role (at a basic level now, but evolving)

- **IR-as-CRIS**

 IR data model and architecture is extended to cover additional aspects (projects, grants, funder programmes, awards, reporting information)

- **CRIS-IR-Interop**

Coupled systems exchanging information

CRIS Systems with Repository Functionality

- PURE (Elsevier)
- Converis (Thomson-Reuters)
- Symplectic
- DSpace IRIS (Open Source)
- Proprietary Solutions / Extended Repository Software

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CRIS replaces repository and by becoming OAI-PMH-compliant it's able to perform its role (at a basic level now, but evolving)

opendoar.org/find.php

OpenDOAR

OpenDOAR Development Blog >

Directory of Open Access Repositories
Home | Find | Suggest | Tools | FAQ | About | Contact Us

Search or Browse for Repositories

Recent Additions 🔊 RSS1 Feed

Result **1** of **1**.

Page: << Previous **1** Next >>

QUB Research Portal (Queen's University Research Portal)

    Organisation: Queen's University, Belfast, United Kingdom
    Description: This is the Institutional Repository of Queen's University Belfast which provides access to the research output of the institution. The interface is available in English.
    OAI-PMH: http://pure.qub.ac.uk/ws/oai
    Software: PURE
    Size: 46112 items (2014-05-12)
    Subjects: Multidisciplinary
    Content: Articles; References; Conferences; Unpublished; Books; Multimedia; Special
    Languages: English
    Policies: Metadata re-use permitted for not-for-profit purposes; Re-use of full data items permitted for not-for-profit purposes; Content policies defined; Submission policies defined; Preservation policies explicitly undefined
OpenDOAR **ID:** 2607, *Last reviewed:* 2014-04-01, Suggest an update for this record, *Missing data is needed for:* Policies
    Link to this record: http://opendoar.org/id/2607/

Pure Queen's University Belfast

Three basic use cases: IR-as-CRIS

Study	Research	About us	Student life	Alumni	Support us	Contact

University of Glasgow

Home > Enlighten > Publications

Enlighten: Publi

About   Latest Additions   S

Enlighten: Rese
University of G

Nixon, W.J., Ashworth, S., and M____ ____ _the UKSG journal_, 26(2), pp. 159-167

Altmetric

0

50 readers on Mendeley
0 readers on Connotea
0 readers on CiteULike

View details on Altmetric's website

Funder and Project Information

Project Code	Award No	Project Name	Principal Investigator	Funder's Name	Funder Ref	Lead Dept
48257	1	Multi-object, high-throughput, spectro-microscopy: Life Sciences Interface	Miles Padgett	Engineering & Physical Sciences Research Council (EPSRC)	EP/H007636/1	Physics and Astronomy

Tools

RDF+XML   Export

Tweet

Download Statistics

Downloads per month over past year

16

12

euroCRIS
Current Research Information Systems

The International Organisation for Research Information

CERIF

Repository   Community ▾   Activities ▾   Publications ▾   Help

Search euroCRIS repository   🔍   👤 Sign on to: ▾

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 in free access form. These include among others euroCRIS: membership meetings, strategic seminars and CRIS Conferences, together with the outputs of 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 term...   Search 🔍   All ▾

Community people & organizations   **Activities** projects & events   **Publications** articles, reports, etc.

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University of St Andrews

Research @ StAndrews   Portal

St Andrews Research Repository

University Library   University of St Andrews

🏠 DSpace Startseite   Einloggen

Welcome to the St Andrews Research Repository

This is a digital repository of research output from the University of St Andrews. Since 2006 the University has required theses to be submitted to the repository. The full text of research papers can be submitted to the Repository via PURE. PURE and the repository integrate services to provide an easy submission process for the full text of research publications. The St Andrews Research Portal provides links to the full text of research publications which are stored in this Repository.

Contact the ETheses team: Digital-Repository@st-andrews.ac.uk, or the Open Access and Research Publications Support team: openaccess@st-andrews.ac.uk for further information, or see our web pages about related services.
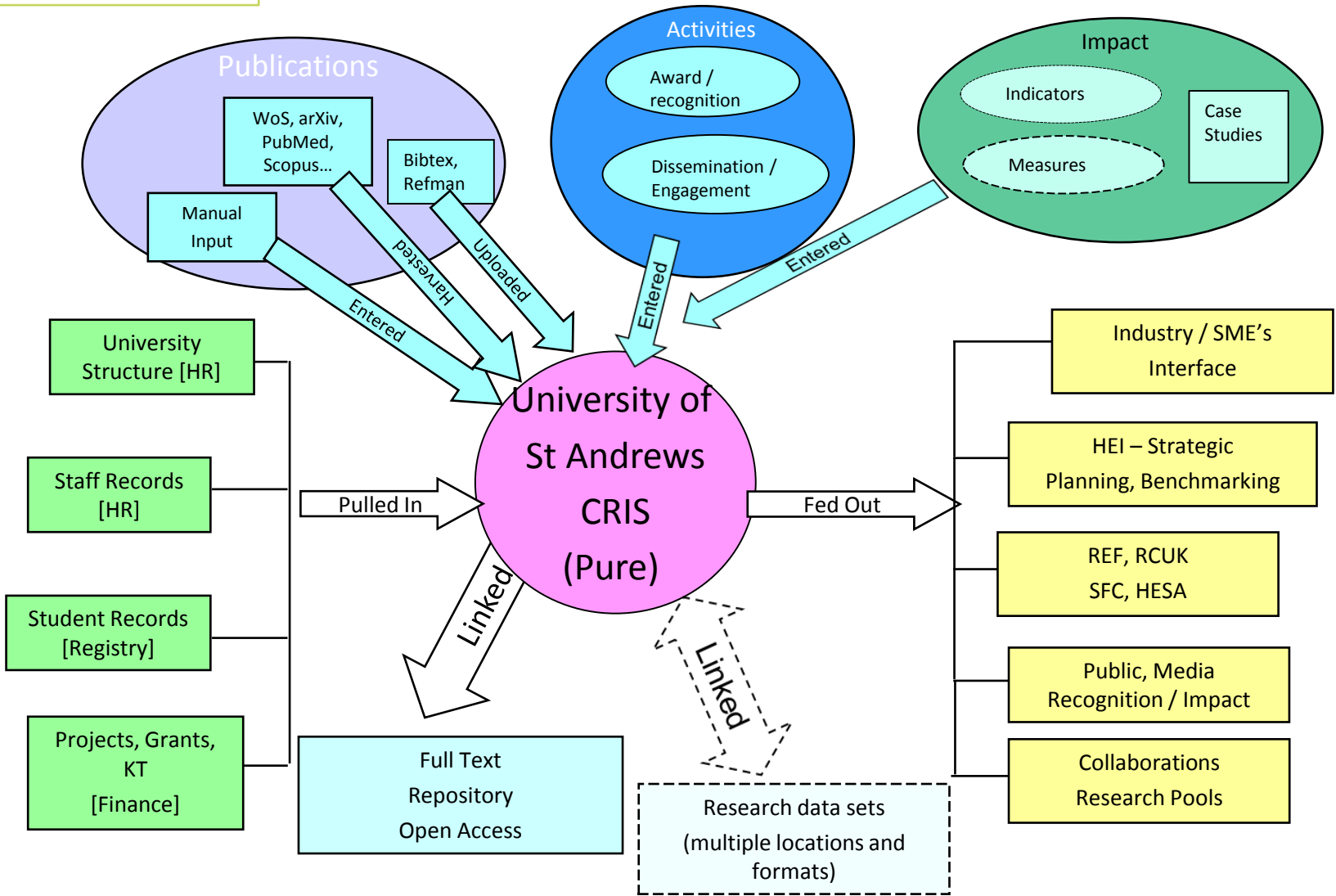
Bereiche in DSpace

Wählen Sie einen Bereich, um die enthaltenen Sammlungen zu durchstöbern.

Suche   🔍
Erweiterte Suche

STÖBERN

Gesamter Bestand

Bereiche & Sammlungen

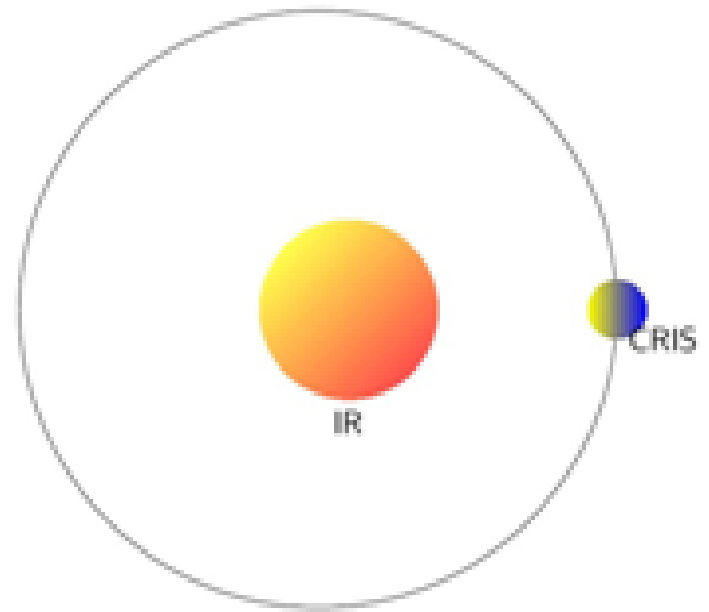Erscheinungsdatum
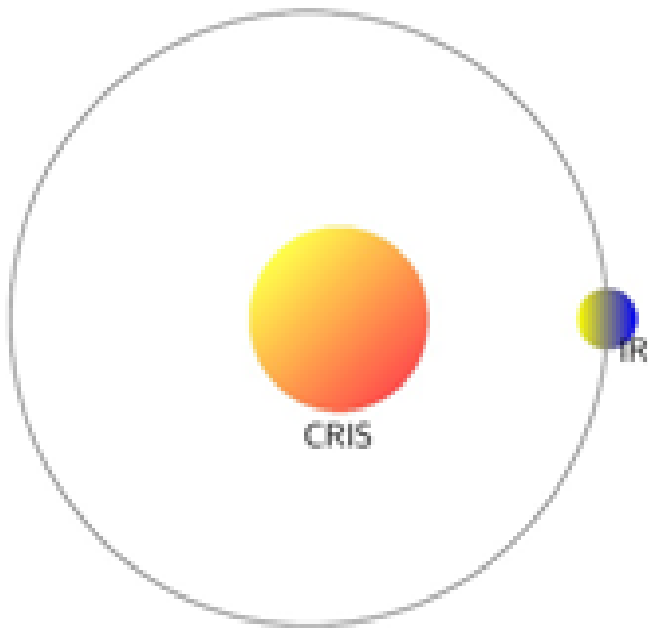
Names

Titeln

Schlagworten

The key challenges (from the IR perspective):

- Relationship CERIF – bibliographic metadata formats
- Integration of Services (via Interoperability)

The conclusion:

Communication to exchange experiences and to foster the activities

"Not quite a dichotomy – interoperability the key feature"

"Not quite a dichotomy – interoperability the key feature"

CRIS ←——————→ IR

Thank You for Your Attention!

friedrich.summann@uni-bielefeld.de

Three basic use cases: IR-as-CRIS

Enlighten: Research and APC funding workflows at the University of Glasgow

Nixon, W.J., Ashworth, S., and McCutcheon, V. (2013) *Enlighten: Research and APC funding workflows at the University of Glasgow*. Insights: the UKSG journal, 26 (2). pp. 159-167. ISSN 2048-7754 (doi:10.1629/2048-7754.80)

... cover additional aspects such as ... information (projects, grants, funder programmes), thus becoming able to play a ... research reporting purposes.

University of Glasgow

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48257	1	Multi-object, high-throughput, spectro-microscopy: Life Sciences Interface	Miles Padgett	Engineering & Physical Sciences Research Council (EPSRC)	EP/H007636/1	Physics and Astronomy

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CRIS2014 – euroCRIS Membership Business Meeting,
Rome, May 12th, 2014

euroCRIS
Current Research Information Systems

euroCRIS DSpace-CRIS repository:
a mixed CRIS/IR functionality

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Vorhandene CRIS-Installationen in Europa

- UK – 57
  - (Pure , Pure-DSpace, Pure-Eprints,
  - Converis-DSpace, Symplectic-DSpace, etc)
- Dänemark – 45
  - (Pure)
- Deutschland – 4
  - (Pure, Converis)
- Italien – 60 and more
  - (Dspace IRIS)
  - Belgium, Sweden, Netherlands