From Open Access to Open Science. Experiences with repositories and further developments at the University of Bern

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BORIS publication

<<Entity>> Publication item

<<Entity>> Document

<<Repository>> BORISpublications

Submitter submit

Editor validate

Uni Bern

collect ORCID

mint DOI

user external

read

DOI Registration Agency

ORCiD

CrossRef

PubMed

Harvester

Harvests

Home Page

CTS

FACTSscience

<<Database>> PARIS
UniBe look-up
ORICID integration

BORIS
Bern Open Repository and Information System

ORCID

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Public Profile Data

Works

Title
Open Access in der Schweiz
Subtitle
ID
source-work-id 101171 doi 10.1515/9783110494068-025
Title
Heterogenität der Finanzökonomie
Subtitle
Date
Zur Sexualität in Spielfilmen über die Börse
Title
Open Access, Wissenschaftskommunikation und die Rolle der Bibliotheken
Subtitle
Date

Export
Notifications

User Settings
Public Profile Data

Profile Data
Biographic Data
Works
External Id Data
Affiliation Data
Funding Data

ID
Connect your ORCID ID

Import
BORIS CRIS

Caption
DWH: Data Warehouse
DMS: Document Management System
ERP: Enterprise Resource Planning
RDR: Research Data Repository
Caption
RDR: Research Data Repository
CRIS: Current Research Information System
Some requirements for the data repository

1. The repository must be meet the needs of (nearly) all disciplines at the University of Bern.
2. The repository must allow to create data collections (e.g. for individual projects or institutes)
3. Advanced ORCID integration that allows login with ORCID credentials
4. Interoperability with other repositories at the university
5. Compliant with FAIR principles
6. Data registry for UniBe data stored elsewhere
Influences on the practical implementation of Open Science

- Governance style at a university
- Demands of the disciplines represented at the university
- Legal regulations
- Existing infrastructures
- Attitudes of researchers towards Open Science.
Thank you for your attention!

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