From PURE to Dspace-CRIS

Program „Hamburg Open Science“
Dspace-CRIS at Hamburg University of Technology
Gunnar Weidt
Situation in Hamburg/Germany

- Government asked universities of Hamburg for
  - Open Access Policy
  - Research Data Policy
  - Portal with research output of all Hamburg universities
  - Reporting to the public and the government

- Program „Hamburg Open Science“ for all universities
  - Cultural Change
  - CRIS for all universities
  - Open Access Repository
  - Research Data Repository
Situation in Hamburg

- Hamburg University (CRIS*, OAR)
- University Medical Center Hamburg-Eppendorf (CRIS)
- Hamburg University of Technology (OAR, CRIS*, RDR*)
- Hamburg University of Applied Sciences
- HafenCity University Hamburg
- Hamburg state academy of higher artistic (HFBK)
- Hamburg state academy of music and theater
All In One:
TUHH Open Research: RDM + OAR + CRIS

TUHH Open Research

Reserach Data Repositorium
Open Access Repositorium
CRIS

Technical Base: DSpace-CRIS 5.8
TUHH Timeline

• 2014 - Dspace-CRIS as Open Access Repositorium
• 2018 - Start of CRIS project
  • Goal 1: full featured CRIS for TUHH
  • Goal 2: Open Access + Research Data Repositorium + CRIS
  • Goal 3: prototype for other universities of Hamburg
    Dspace-CRIS versus PURE
• In 2018 – start CRIS with
  • publications
  • Researcher profiles
  • Projects
Research Information in Dspace-CRIS

Incoming Information

- Identity Management System (Shibboleth)
- Crossref, Scopus, PubMed, WOS?
- Journal database
- Funding (csv-files)
- ORCID (push)

FIS Entities

- Institutes
- Researchers
- Open Access Publications
- All other Publications
- Journals
- Projects
- SAP and others
- Activities

Export and Output

- Government Reports
- University Ranking
- Bibliography
- Website
- Research Portal
- Institutes
- Researchers
- Projects
- Kerndatenbasis Forschung

From PURE to Dspace-CRIS 16.06.2018
Data structure

• Researchers
  • „synchronise“ with Identity Management System
  • Startdate, Enddate, affiliation – History

• Publications
  • Affiliation(s) per author > institutional publication lists
  • Attribute „author contributed equal“
  • Former publications (not at TUHH)

• Projects: Basic data and yearly data
• Activities and events (2019)
• Keywords: Competence Fields + Research Areas
• Relation between all entities
TUHH: What is done /// Next steps

- Compatibility to PURE, how it is used at University of Hamburg
- Already done
  - organisations
  - Synchronisation of researchers with Identity Management System
  - Synchronisation of projects
  - Orcid-Integration (Push)
  - Research data collection
  - Open Access features

- Next steps
  - User Interface
  - Reporting functions
  - CMS connections
Program „Hamburg Open Science“

• Requirements specification (2018)
  • Research Information System
  • Open Access Repository
  • Research Data Repository

• Prototype Dspace-CRIS for other universities (2018)
  • Preconfigured
  • Proceed model
  • Instructions

• Decision for technical systems (other universities, 2019)
• Implementation (other universities, 2019)
• Integration of CRIS, OAR and RDR