DSpace software platform for digital repository of publications

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Dubna, JINR
Institutional repository

- Containing articles, preprints and other materials reflecting and facilitating JINR research activities.
- Store and provide effective access to JINR information resources.
- Make scientific results available to all scientific and educational community.
- To estimate the efficiency of the JINR scientific activity.
- Part of scientific communication.
History of JINR Publications Repository
Software Platform Overview

- DSpace (39%)
- EPrints (11%)
- WEKO (5%)
- Digital Commons (5%)
- Islandora (3%)
- CONTENTdm (2%)
- OPUS (2%)
- HAL (1%)
- PURE (1%)
- Other (25%)

OpenDOAR Statistics - [https://v2.sherpa.ac.uk/view/repository_visualisations/1.html](https://v2.sherpa.ac.uk/view/repository_visualisations/1.html) (17/05/2023)
JINR Publications Repository Platforms

- Distributed system
- Good scalability
- Flexible backup system
- Flexible authorization system
- Good security
- Powerful and customizable UI
- Big community
DSpace 7 Technology Stack

**Backend**
- Server API

![OpenJDK](image1)
- Maven
- PostgreSQL
- Apache Tomcat
- Solr

**Frontend**
- User Interface

![Angular](image2)
-宝石色Logo
- node.js
JINR Institutional Repository on the DSpace

- Easily login via SSO
- Search and browse publications by authors, organizational units, topics, projects, and more...
- Submit your own publications
- Harvesting of publications from external sources
Sources for JINR Repository

External Databases

User Submission

API

iNSPIRE

External Databases

User Submission

API

External Databases

User Submission

API

External Databases

User Submission

API

External Databases
C++ modules for **DSpace 7** (part 1)

General scheme of interaction between C++ modules and DSpace 7 by Kondratyev A.
C++ modules for DSpace 7 (part 2)

Scheme of modules interaction PIN and DSpace 7 by Kondratyev A.
User Submissions - Import

Import a publication from an external source

10.14357/20790279230102

Search Results
Now showing 1 - 1 of 1

CURATION OF BIBLIOGRAPHIC METADATA OF THE INSTITUTIONAL REPOSITORY ON THE INVENIO-JOIN² PLATFORM

Back to MyDSpace
User Submissions - Manual
Editorial check of publications

Workflow tasks
Now showing 1 - 1 of 1

Validation
Publication
File Restrictions Test
(2023) Zaikina, Tatiana
No Abstract
Submitter: Tatiana Zaikina

Reason
Please enter your reason for rejecting the submission into the box below, indicating whether the submitter may fix a problem and resubmit.

Describe the reason of reject

Reject item
Publication View

Bibliographic information

Relationship link with OrgUnits

Relationship link with authors

Relationship link with Themes/Projects
Person View

- Country
- Author’s identifiers
- Name Variants
- Job Title
- List of Publications
- Relationship link with OrgUnits
Future Plans

Institutional Repository in frame of JINR Digital Eco System
Thank you for attention!