

Joint Institute for Nuclear Research

# DocMS: Document Management Service on SciDocsCloud Platform

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Education" (GRID'2025)

11 July 2025

# Introduction



- Modern scientific research requires collaborative work on various document types
  - Articles
  - Abstracts
  - Presentations
  - Reports, etc
- Scientific collaborations face several key challenges
  - 🛡 Organizing safe and structured documents storage
  - 🕒 Tracking changes of documents
  - 🔒 Restricting access to documents
  - 🔗 Sharing of documents



Many scientific projects generate a significant amount of documents (meta-information + files)

# Background and Motivation



- Scientific communities use various software tools for document storage and collaboration
  - DocDB
  - Xwiki
  - CERN Document Server, etc.
- Several **independent** instances of the DocDB system are deployed at JINR
  - BM@N
  - Baikal-GVD
  - Shared instance for Neutrino projects at JINR
  - Accelerator Division No.1 of the VBLHEP accelerator complex
- Experience with these systems has shown key limitations
  - ✗ Not fully met requirements
    - Functional
    - Security and reliability
  - ✗ Complex support and improvement

**Document Database**

[ DocDB Home ] [ Administrator ] [ New ] [ Search ] [ Last 20 Days ] [ List Authors ] [ List Topics ] [ List Events ] [ Help ]

[Instructions](#)  
[Your Account](#)  
[Preferences](#)  
[Apply to Groups](#)  
[Limit Groups](#)  
[DocDB Statistics](#)  
[About DocDB](#)

[Administer DocDB](#)

[Create or change documents or other information](#)

Search for  (Advanced)

Show Neutrino-doc-#  -v

Show documents modified in the last  days

[Calendar](#) of events or [today's](#) events

List:

- ◇ [Authors](#) ◇ [All documents](#)
- ◇ [Topics](#)
- ◇ [Groups](#)
- ◇ [Keywords](#)

**XWIKI**

Registration BM@N Logbook BM@N Forum BM@N Database

Menu

- > 1. BM@N Subsystems
- > 2. BM@N Runs
- > 3. SRC @ BM@N
- > 4. Documents
  - > 4.1 BM@N Management
  - > 4.2 Project
  - > 4.3 BM@N CDR
  - > 4.4 BM@N TDR
  - 4.5 Articles
  - > 4.6 Internal Notes
  - 4.7 Theses
  - > 4.8 Students
  - > 4.9 BM@N Setup
- > 5. Reports
- > 6. Meetings
- > 7. Software
- > 8. Computing

4.5 Articles

Last modified by Alexander Chebotov on 2023/09/01 07:52

Attachments

Year	Authors	Journal	Title of Article
2020	A. Galavanov, M. Kapishin, V. Karjavine, S. Khabarov, E. Kulish, V. Lenivenko, A. Makankin, A. Maksymchuk, G. Pokatashkin, I. Rufanov, S. Vasiliev	IOPcf	Large area BM@N GEM detectors (PDF)
2020	3. A. Galavanov, M. Kapishin, V. Karjavine, S. Khabarov, Y. Kirushin, E. Kulish, N. Kuzmin, V. Lenivenko, A. Makankin, A. Maksymchuk, S. Pokatashkin, I. Rufanov, S. Vasiliev	IOPcf	Status of the GEM/CSG tracking system of the BM@N experiment (PDF)

Tutorials

- 1. Create Subcategory
- 2. Create Page (with docs)

Recently Created

- 12. BERDS Meeting 24/04/2024
- Profile of Dmitry Nikitin
- 11. BERDS Meeting 10/04/2024
- 10. BERDS Meeting 03/04/2024
- 09. BERDS Meeting 27/03/2024

Recently Visited

- 4. Documents
- 1. BM@N Subsystems
- 6.1 Collaboration

# Project Overview



The goal of the project is to provide a centralized, multi-community documentation storage service for collaborative activities

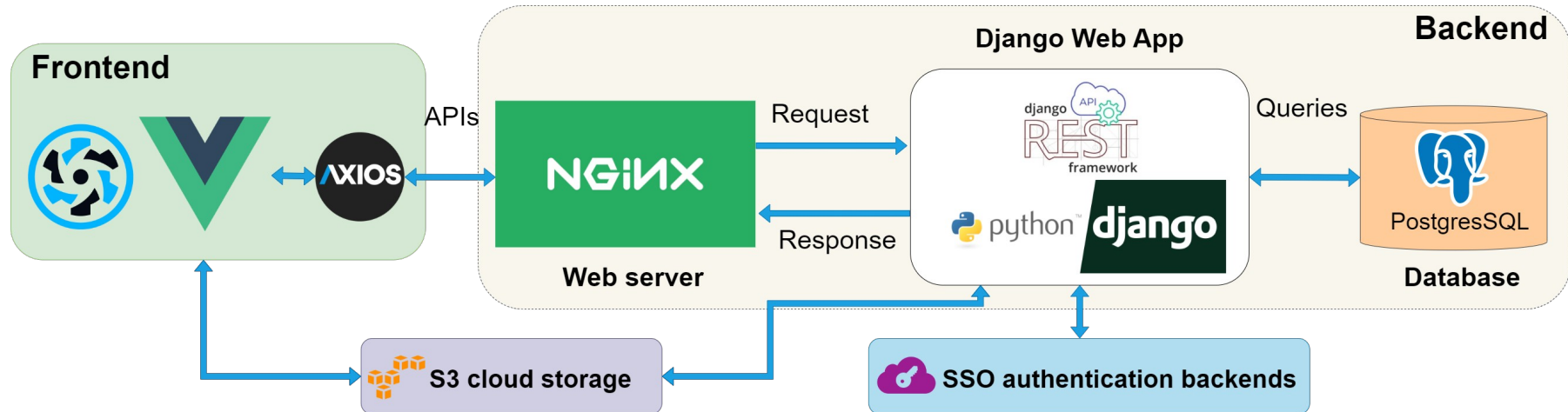
- Implement the core features of the DocDB system
  - Enhance access rights system with flexible group and project-level controls
  - Add new functionality based on collaboration requirements
- Specific Features Requested by Collaborations:
    - Per-document editors [BM@N](#)
    - Document discussion system [BM@N](#) [SPD](#)
    - Custom meta-data fields in documents [BM@N](#)
    - Advanced document filtering [BM@N](#)
    - Built-in event calendar [Baikal-GVD](#) [Neutrino](#)
    - Notification system [All groups](#)
    - Document review process [BM@N](#)

# SciDocsCloud Software Platform



- Development of a more secure, reliable and feature-rich software platform to address the limitations of legacy DocDB system
  - ✂ Modern software development tools
  - ☁ Flexible Storage Backends for document files (LocalFS and S3-compatible Cloud storage options)
  - ➡ Single-Sign-On (SSO) authentication

Free and open-source software with transparent development



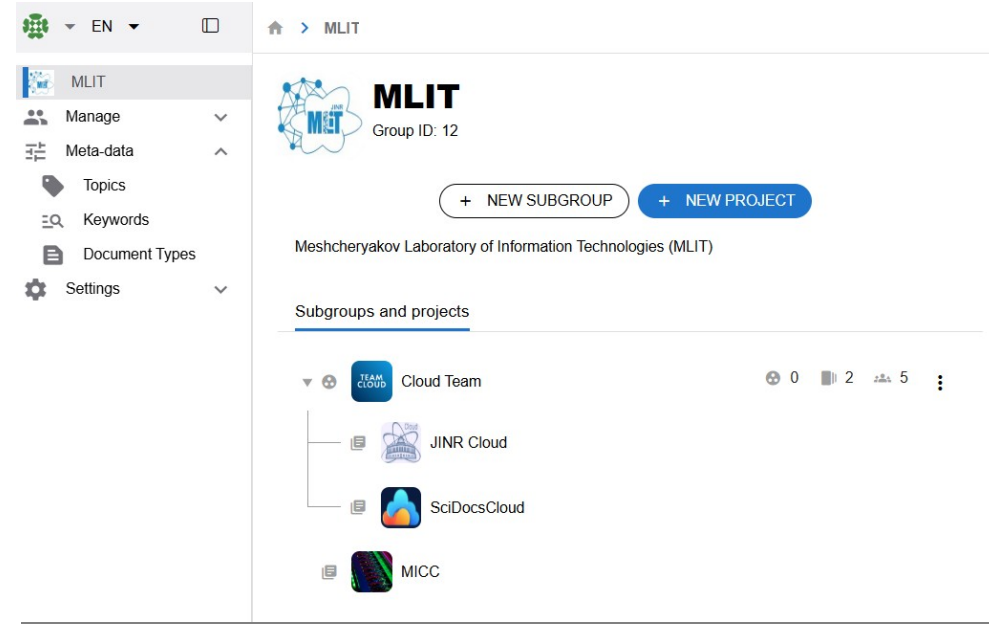
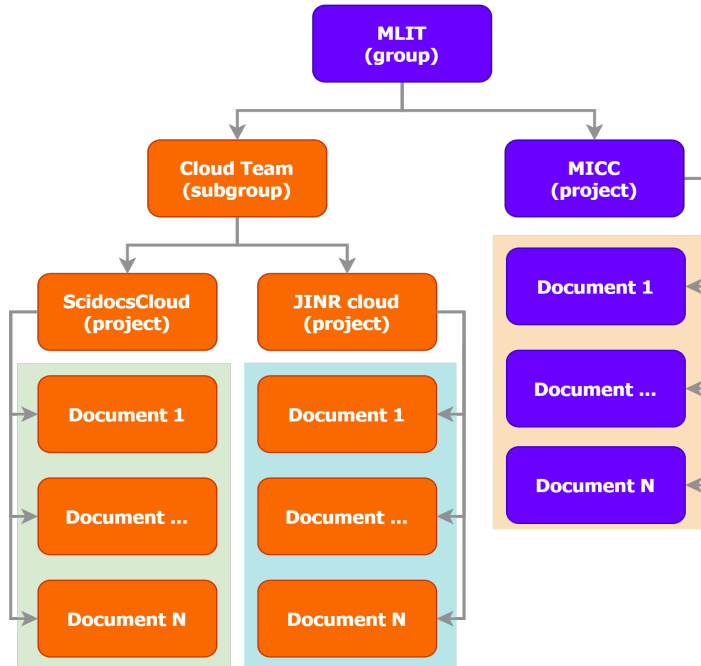
# Organizational Structure



## Hierarchical organization:

*groups / subgroups* → *projects* → *documents*

- Inspired by GitLab
  - Using GitLab terminology
  - Project ≈ GitLab project



# Organizational Structure



## Hierarchical organization:

*groups / subgroups → projects → documents*

- **Inspired by GitLab**

- Using GitLab terminology
- Project  $\approx$  GitLab project






The screenshot shows the 'Your work / Groups' page in GitLab. It features a search bar and a dropdown menu for sorting by 'Last created'. Below this is a list of groups, each with a letter icon, a name, a role badge, and a set of icons representing members, projects, and subgroups. The groups listed are:

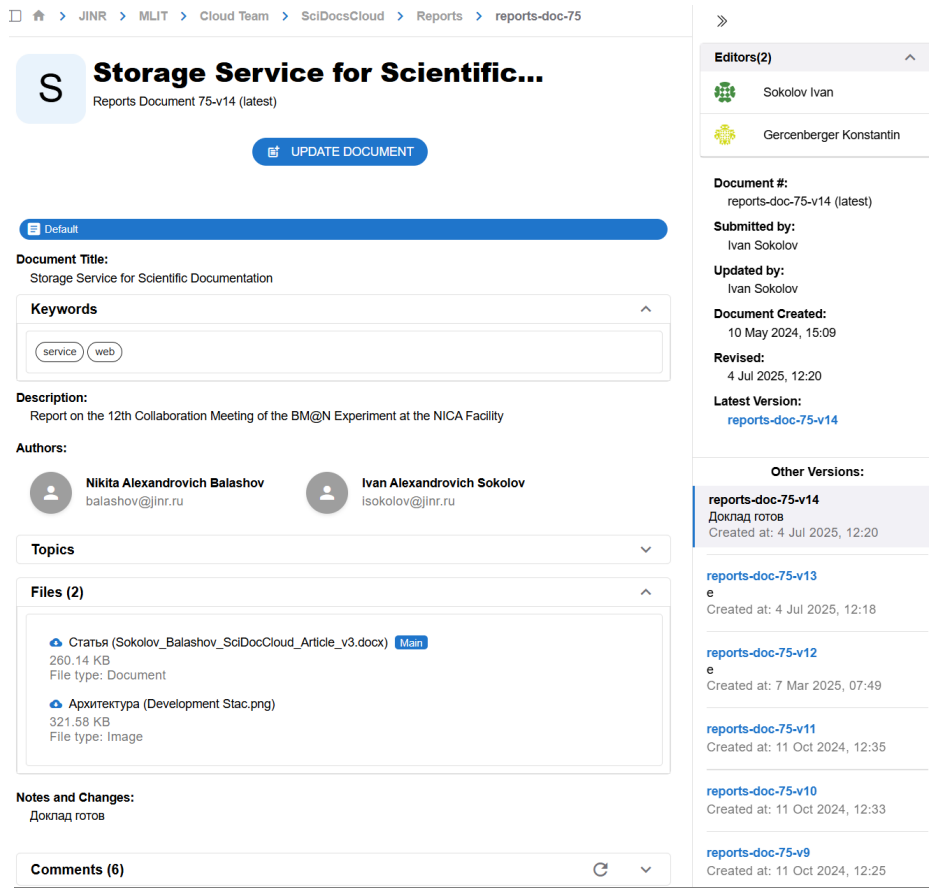
Group Name	Role	Members	Projects	Subgroups
SciDocCloud	Developer	0	2	2
Neutrino Computing Platform				3
jj_nano	Developer	0	4	8
cloud-team	Guest	2	26	11
Configuration Management		0	7	3
htcondor		0	5	2

# What is Document?



## Document = meta-data fields & associated files

- Document contains
  -  Form with meta-data fields
  -  File Collection
  -  Version control
  -  Editors
  -  Comments
- Document templates defines the set of meta-data fields
  - Enable three predefined templates: *Default, Article, Report*
  - Custom templates are planned to be implemented later



Storage Service for Scientific...

Reports Document 75-v14 (latest)

UPDATE DOCUMENT

Default

Document Title:  
Storage Service for Scientific Documentation

Keywords  
service web

Description:  
Report on the 12th Collaboration Meeting of the BM@N Experiment at the NICA Facility

Authors:  
Nikita Alexandrovich Balashov  
balashov@jinr.ru  
Ivan Alexandrovich Sokolov  
isokolov@jinr.ru

Topics

Files (2)  
Статья (Sokolov\_Balashov\_SciDocCloud\_Article\_v3.docx) Main  
260.14 KB  
File type: Document  
Архитектура (Development Stac.png)  
321.58 KB  
File type: Image

Notes and Changes:  
Доклад готов

Comments (6)

Editors(2)  
Sokolov Ivan  
Gerckenberger Konstantin

Document #:  
reports-doc-75-v14 (latest)

Submitted by:  
Ivan Sokolov

Updated by:  
Ivan Sokolov

Document Created:  
10 May 2024, 15:09

Revised:  
4 Jul 2025, 12:20

Latest Version:  
reports-doc-75-v14






Other Versions:  
reports-doc-75-v14  
Доклад готов  
Created at: 4 Jul 2025, 12:20  
reports-doc-75-v13  
Created at: 4 Jul 2025, 12:18  
reports-doc-75-v12  
Created at: 7 Mar 2025, 07:49  
reports-doc-75-v11  
Created at: 11 Oct 2024, 12:35  
reports-doc-75-v10  
Created at: 11 Oct 2024, 12:33  
reports-doc-75-v9  
Created at: 11 Oct 2024, 12:25

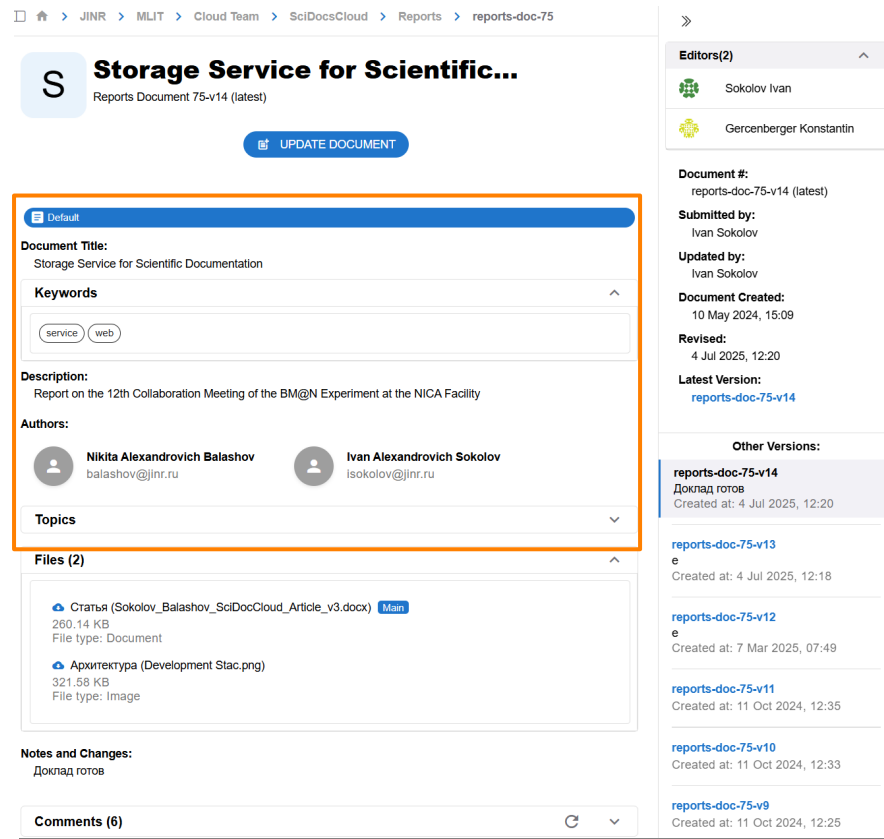


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The screenshot displays the 'Storage Service for Scientific...' document page. The page is structured as follows:

- Header:** Breadcrumbs (JINR > MLIT > Cloud Team > SciDocsCloud > Reports > reports-doc-75) and a title bar with a large 'S' icon and the text 'Storage Service for Scientific...'. Below the title bar is a button labeled 'UPDATE DOCUMENT'.
- Editors (2):** A list of editors: Sokolov Ivan and Gerckenberger Konstantin.
- Document #:** reports-doc-75-v14 (latest)
- Submitted by:** Ivan Sokolov
- Updated by:** Ivan Sokolov
- Document Created:** 10 May 2024, 15:09
- Revised:** 4 Jul 2025, 12:20
- Latest Version:** [reports-doc-75-v14](#)
- Other Versions:** A list of previous versions: reports-doc-75-v13, reports-doc-75-v12, reports-doc-75-v11, reports-doc-75-v10, and reports-doc-75-v9, each with its creation date.
- Document Form (highlighted with a red box):**
  - Document Title:** Storage Service for Scientific Documentation
  - Keywords:** service, web
  - Description:** Report on the 12th Collaboration Meeting of the BM@N Experiment at the NICA Facility
  - Authors:** Nikita Alexandrovich Balashov (balashov@jinr.ru) and Ivan Alexandrovich Sokolov (isokolov@jinr.ru)
  - Topics:** A dropdown menu.
- Files (2):** A list of files: 'Статья (Sokolov\_Balashov\_SciDocCloud\_Article\_v3.docx)' (260.14 KB, Document type) and 'Архитектура (Development Stac.png)' (321.58 KB, Image type).
- Notes and Changes:** Доклад готов
- Comments (6):** A section for comments with a refresh icon.

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Storage Service for Scientific...  
Reports Document 75-v14 (latest)

UPDATE DOCUMENT

Document Title:  
Storage Service for Scientific Documentation

Keywords  
service web

Description:  
Report on the 12th Collaboration Meeting of the BM@N Experiment at the NICA Facility

Authors:  
Nikita Alexandrovich Balashov  
Ivan Alexandrovich Sokolov

Topics

Files (2)

- Статья (Sokolov\_Balashov\_SciDocCloud\_Article\_v3.docx) Main  
260.14 KB  
File type: Document
- Архитектура (Development Stac.png)  
321.58 KB  
File type: Image

Notes and Changes:  
Доклад готов

Comments (6)

Editors(2)  
Sokolov Ivan  
Gerckenberger Konstantin

Document #:  
reports-doc-75-v14 (latest)

Submitted by:  
Ivan Sokolov

Updated by:  
Ivan Sokolov

Document Created:  
10 May 2024, 15:09

Revised:  
4 Jul 2025, 12:20

Latest Version:  
reports-doc-75-v14






Other Versions:

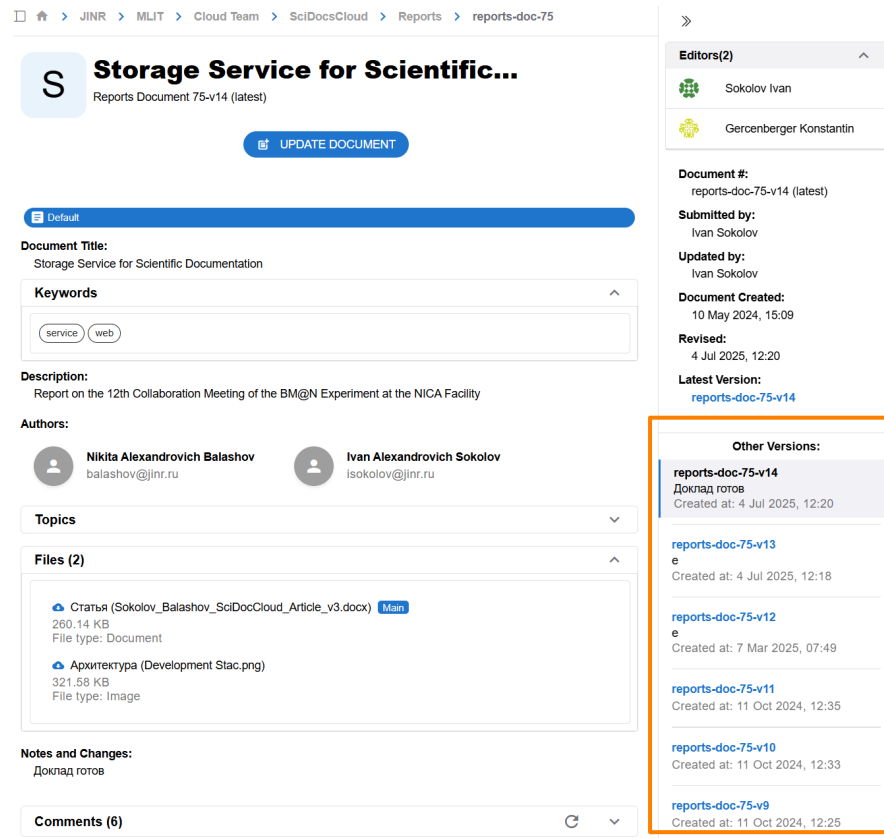
- reports-doc-75-v14  
Доклад готов  
Created at: 4 Jul 2025, 12:20
- reports-doc-75-v13  
Created at: 4 Jul 2025, 12:18
- reports-doc-75-v12  
Created at: 7 Mar 2025, 07:49
- reports-doc-75-v11  
Created at: 11 Oct 2024, 12:35
- reports-doc-75-v10  
Created at: 11 Oct 2024, 12:33
- reports-doc-75-v9  
Created at: 11 Oct 2024, 12:25

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Storage Service for Scientific...

Reports Document 75-v14 (latest)

UPDATE DOCUMENT

Document Title: Storage Service for Scientific Documentation

Keywords: service web

Description: Report on the 12th Collaboration Meeting of the BM@N Experiment at the NICA Facility

Authors: Nikita Alexandrovich Balashov, Ivan Alexandrovich Sokolov

Topics: [dropdown]

Files (2): Статья (Sokolov\_Balashov\_SciDocCloud\_Article\_v3.docx), Архитектура (Development Stac.png)

Notes and Changes: Доклад готов

Comments (6)

Editors(2): Sokolov Ivan, Gerckenberger Konstantin

Document #: reports-doc-75-v14 (latest)

Submitted by: Ivan Sokolov

Updated by: Ivan Sokolov

Document Created: 10 May 2024, 15:09

Revised: 4 Jul 2025, 12:20

Latest Version: reports-doc-75-v14






Other Versions:

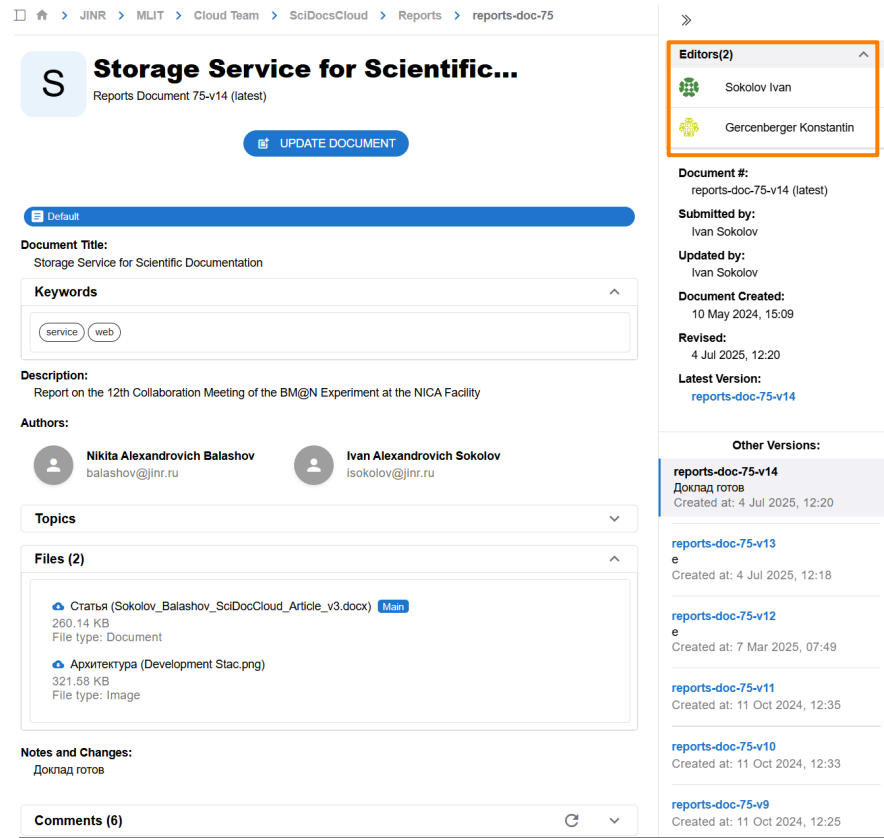
- reports-doc-75-v14: Доклад готов, Created at: 4 Jul 2025, 12:20
- reports-doc-75-v13: Created at: 4 Jul 2025, 12:18
- reports-doc-75-v12: Created at: 7 Mar 2025, 07:49
- reports-doc-75-v11: Created at: 11 Oct 2024, 12:35
- reports-doc-75-v10: Created at: 11 Oct 2024, 12:33
- reports-doc-75-v9: Created at: 11 Oct 2024, 12:25

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The screenshot displays the SciDocsCloud interface for a document titled "Storage Service for Scientific...". The breadcrumb navigation shows the path: JINR > MLIT > Cloud Team > SciDocsCloud > Reports > reports-doc-75. The document is identified as "Reports Document 75-v14 (latest)". A blue button labeled "UPDATE DOCUMENT" is visible.

The document details section includes:






- Document Title:** Storage Service for Scientific Documentation
- Keywords:** service, web
- Description:** Report on the 12th Collaboration Meeting of the BM@N Experiment at the NICA Facility
- Authors:** Nikita Alexandrovich Balashov (balashov@jinr.ru) and Ivan Alexandrovich Sokolov (isokolov@jinr.ru)
- Topics:** (empty dropdown)
- Files (2):**
  - Статья (Sokolov\_Balashov\_SciDocCloud\_Article\_v3.docx) - 260.14 KB, File type: Document, Main
  - Архитектура (Development Stac.png) - 321.58 KB, File type: Image
- Notes and Changes:** Доклад готов
- Comments (6):** (empty dropdown)

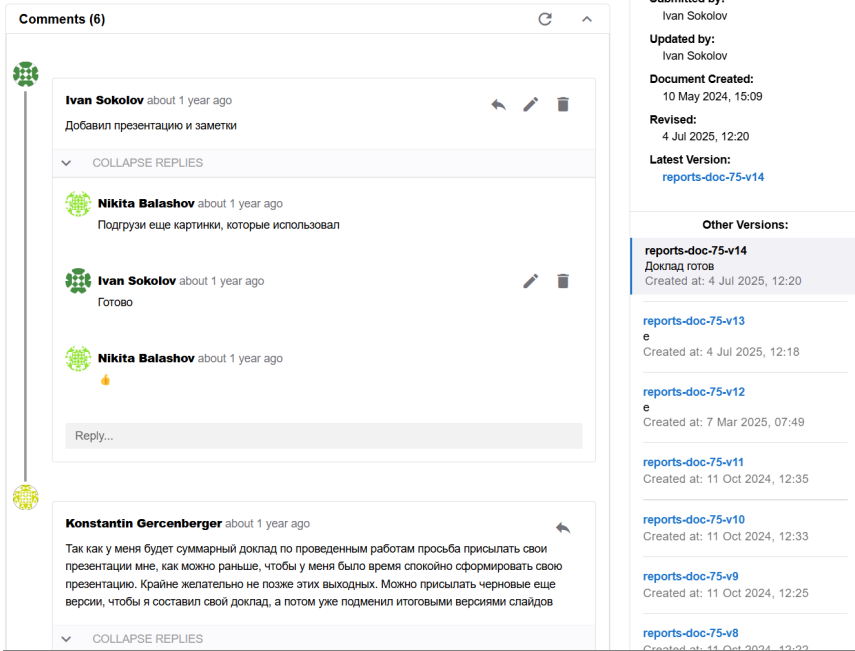
The right sidebar shows the **Editors(2)** list: Sokolov Ivan and Gerckenberger Konstantin. Below this, the **Document #:** reports-doc-75-v14 (latest) is shown, along with submission and update details. The **Latest Version:** is reports-doc-75-v14. The **Other Versions:** section lists previous versions from v10 to v14, including their creation dates and status (e.g., "Доклад готов").

# What is Document?



Document = meta-data fields & associated files

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  -  Version control
  -  Editors
  -  **Comments**
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  - Custom templates are planned to be implemented later



The screenshot displays a document interface with a comments section and a version history sidebar.

**Comments (6)**

- Ivan Sokolov** about 1 year ago  
Добавил презентацию и заметки
- Nikita Balashov** about 1 year ago  
Подгрузил еще картинки, которые использовал
- Ivan Sokolov** about 1 year ago  
Готово
- Nikita Balashov** about 1 year ago






**Other Versions:**

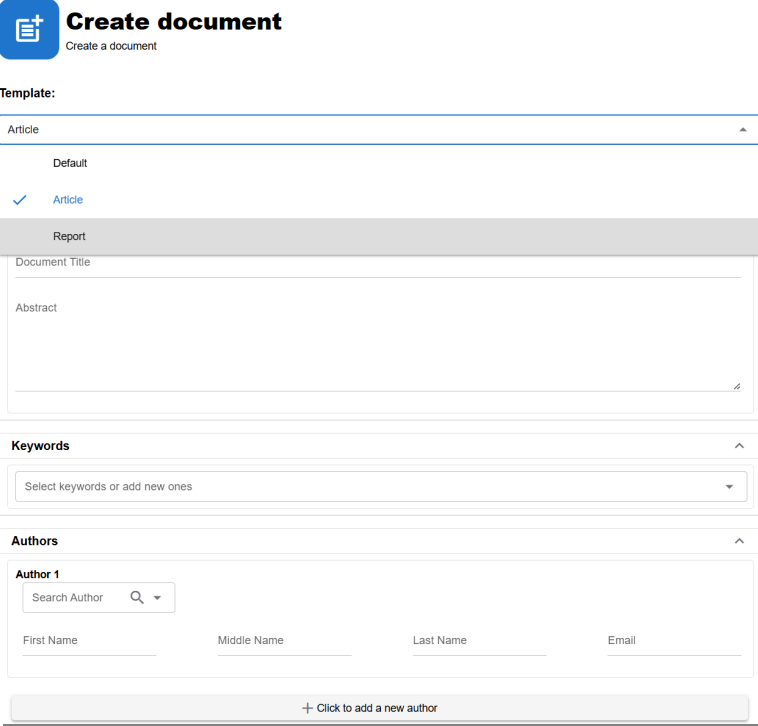
- reports-doc-75-v14**  
Доклад готов  
Created at: 4 Jul 2025, 12:20
- reports-doc-75-v13**  
e  
Created at: 4 Jul 2025, 12:18
- reports-doc-75-v12**  
e  
Created at: 7 Mar 2025, 07:49
- reports-doc-75-v11**  
Created at: 11 Oct 2024, 12:35
- reports-doc-75-v10**  
Created at: 11 Oct 2024, 12:33
- reports-doc-75-v9**  
Created at: 11 Oct 2024, 12:25
- reports-doc-75-v8**  
Created at: 11 Oct 2024, 12:23

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**Create document**  
Create a document

Template:

Article

Default

✓ Article

Report

Document Title

Abstract

Keywords

Select keywords or add new ones

Authors

Author 1

Search Author

First Name Middle Name Last Name Email

+ Click to add a new author

# What is Project?



- Projects organize all the documents for collaboration and scientific projects
- Project is where the project members store and collaborate on documents
- Project Capabilities
  - Manage project membership
  - Advanced document search
  - Metadata management tools

The screenshot displays the 'Acceleration division' project page (Project ID: 183). The left sidebar contains navigation options: Acceleration division, Manage, Members, Meta-data, Topics, Keywords, Document Types, and Settings. The main content area features a 'NEW DOCUMENT' button and a 'Hide Column Filter' section with various filters like #, Year, Authors, Topics, Keywords, Document Type, Description, and Other Publication Information. Below the filters is a table of documents.

#	Year	Title	Authors ↓	Topics	Last Update
53-v0	-	Сохранение поляризации протонов в Нуклотроне	Юрий Николаевич Филатов	Beam optics Polarization	over 1 year ago
58-v0	-	Исследование смещений СП-магнитов типа «Нуклотрон» при охлаждении / отеплении	Юлия Анатольевна Цветкова et al.	Cryogenics Engineering	about 1 year ago
66-v6	-	Beam Lifetime and Beam Collimation in NICA Collider Operating in Heavy Ion Mode	Сергей Иванович Пучков	Beam cooling Beam dynamics Collider Safety Vacuum	5 minutes ago
22-v0	-	Подведение итогов проведенного сеанса декабрь 2022 - январь 2023	Семен Михайлович Пиядин	Engineering	over 2 years ago
18-v0	-	Диагностика и коррекция орбиты в сеансе ПНР4	Илья Юрьевич Николайчук et al.	Beam dynamics Beam optics Software	over 2 years ago

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The screenshot displays the 'Project Members' page within a web application. The breadcrumb navigation at the top reads: Home > NICA > Acceleration division > Project members. The left sidebar contains a menu with options: Acceleration division, Manage, Members (selected), Meta-data, and Settings. The main content area is titled 'Project Members' and includes a sub-header 'You can invite a new member to Acceleration division' with a '+ INVITE MEMBERS' button. Below this is a table listing the project members.

Account	Source	Role
<b>Ivan Sokolov</b> <span>It's you</span> isokolov@jinr.ru		OWNER
<b>Tanya Spirit</b>	Direct member	Maintainer
<b>Alex Boss</b>	Direct member	Maintainer
<b>Nikita Balashov</b>	Direct member	Author
<b>Valerij Lebedev</b>	Direct member	Viewer
<b>Oksana Timoshenko</b>	Direct member	Guest
<b>Evgenij Gorbachev</b>	Direct member	Viewer



# What is Project?



- Projects organize all the documents for collaboration and scientific projects
- Project is where the project members store and collaborate on documents
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  - Manage project membership
  - **Advanced document search**
  - Metadata management tools

The screenshot displays the 'Acceleration division' project page in the NICA system. The page includes a sidebar with navigation options: Acceleration division, Manage, Meta-data, and Settings. The main content area shows the project name 'Acceleration division' with ID 183 and a 'NEW DOCUMENT' button. Below this is a 'Hide Column Filter' section with various search filters like #, Year, Authors, Topics, Keywords, Document Type, Description, and Other Publication Information. A table of documents is shown with columns for #, Year, Title, Authors, Topics, Keywords, and Last Update. The table lists three documents: 53-v0, 58-v0, and 66-v6.

#	Year	Title	Authors	Topics	Keywords	Last Update
53-v0	-	Сохранение поляризации протонов в Нуклотроне	Юрий Николаевич Филатов	Beam optics Polarization	Polarization	over 1 year ago
58-v0	-	Исследование смещений СП-магнитов типа «Нуклотрон» при охлаждении / отеплении	Юлия Анатольевна Цветкова et al.	Cryogenics Engineering	geo magnet	about 1 year ago
66-v6	-	Beam Lifetime and Beam Collimation in NICA Collider Operating in Heavy Ion Mode	Сергей Иванович Пучков	Beam cooling Beam dynamics Collider Vacuum	beam lifetime collider ПУТИ	about 23 hours ago

# What is Project?



- Projects organize all the documents for collaboration and scientific projects
- Project is where the project members store and collaborate on documents

- **Project Capabilities**

- Manage project membership
- Advanced document search
- **Metadata management tools**

The screenshot displays the 'Project Topics' management interface. The left sidebar contains a menu with the following items: 'Acceleration division', 'Manage', 'Meta-data' (highlighted with an orange box), 'Topics', 'Keywords', 'Document Types', and 'Settings'. The 'Meta-data' section is expanded, showing 'Topics' as the selected option. The main content area shows a list of topics for the 'Acceleration division' project. The table below summarizes the topics shown:

#	Topic	Description
1050	Accelerator applications Acceleration division	Применение ускорителей
1044	Beam cooling Acceleration division	Охлаждение пучка
1041	Beam dynamics Acceleration division	Динамика пучка
1048	Beam instrumentation Acceleration division	Диагностики пучка
1042	Beam optics Acceleration division	Пучковая оптика

# What is Group?



- Groups organize projects
- Each project must belong to a group
- Groups help manage one or more related projects at the same time and permissions for projects
- For larger organizations groups can also have subgroups
- Subgroups/projects inherit parent group membership and permissions

The screenshot displays the user interface for the 'MLIT' group. On the left is a sidebar menu with options: 'MLIT', 'Manage', 'Meta-data', 'Topics', 'Keywords', 'Document Types', and 'Settings'. The main area shows the group's name 'MLIT' with 'Group ID: 12'. Below this are two buttons: '+ NEW SUBGROUP' and '+ NEW PROJECT'. The group's full name, 'Meshcheryakov Laboratory of Information Technologies (MLIT)', is listed. A section titled 'Subgroups and projects' shows a hierarchical tree. 'Cloud Team' is the parent group, containing subgroups 'JINR Cloud', 'SciDocsCloud', and 'MICC'. Each subgroup entry includes an icon, a name, and a set of statistics (0, 2, 5) with corresponding icons.

# Role-based Access Model



- Each member is assigned a role that determines their capabilities within projects and groups
- Currently implemented roles:  
*Owner, Maintainer, Author, Viewer, Guest*
- All subgroups and projects inherit parent group role
- Direct membership in subgroups or projects automatically grants Viewer role in all parent groups

Action	Guest	Viewer	Author	Maint	Owner
View project, groups	+	+	+	+	+
View documents		+	+	+	+
Use comment block			+	+	+
Create document			+	+	+
Update document			+/-	+/-	+
Create group				+	+
Create project				+	+
Create subgroup				+	+
Manage members				+	+
Manage topics				+	+
Manage keywords				+	+
Manage document type				+	+
Edit group				+	+
Edit project				+	+
Remove project					+
Remove group					+
Remove document					+
Manage editor list					+



# Document Management Service (DocMS)



The SciDocsCloud platform-based service has been deployed at JINR as centralized service for storing, managing, organizing and collaborating on documents →  
***Document Management Service (DocMS)***

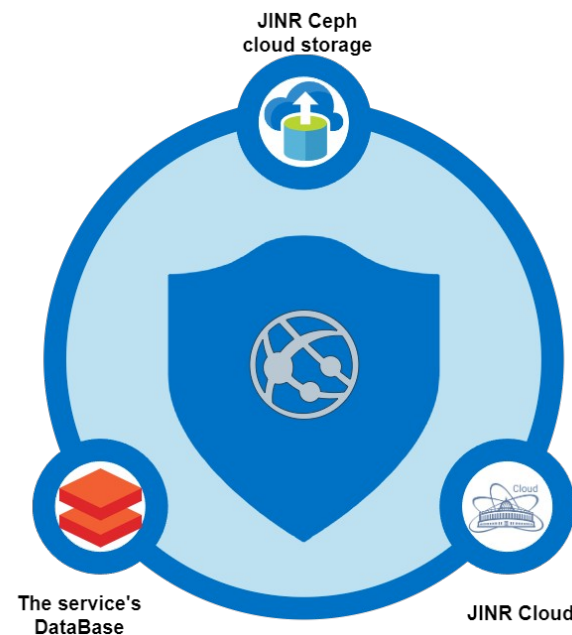
## Infrastructure Details

### JINR's Ceph Cloud Storage

-  Triple replication for high reliability and data safety
-  Easily expandable storage to meet growing need

### Nightly Backups Automated backup of service meta information database

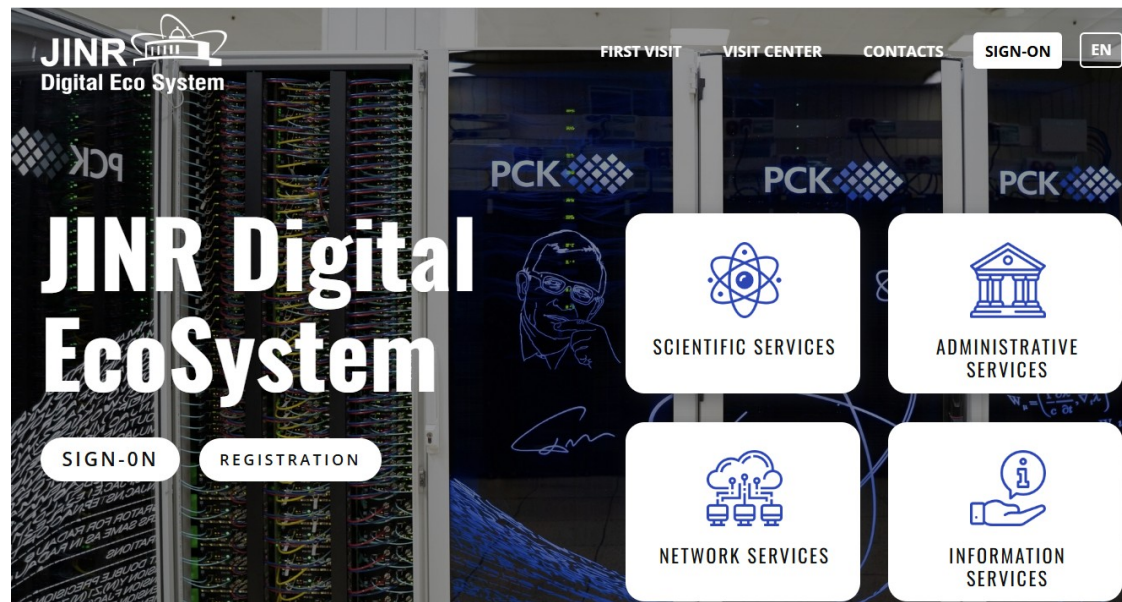
### Virtual Machine Deployment in the JINR Cloud Quick restoration after any hardware failure



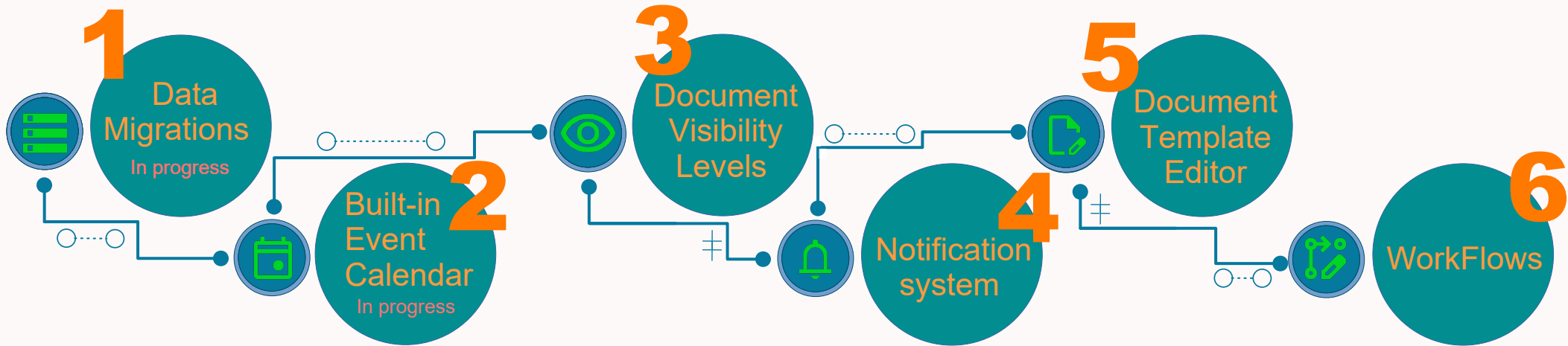
# Document Management Service (DocMS)



- Integrated into the *JINR Digital Ecosystem*
- Available to JINR employees and collaborators via JINR Single Sign-On (SSO) → [docs.jinr.ru](https://docs.jinr.ru)
- Migration mechanism from DocDB system is ready
  - Accelerator Division No.1 of the VBLHEP COMPLETED
  - Documents of scientist from the FLNR COMPLETED
  - Baikal-GVD PLANNED
  - Neutrino projects at JINR PLANNED



# Road Map



# Road Map: Built-in Event Calendar

Coming Soon



🏠 > NICA > Acceleration division > Events Calendar



## Calendar

Calendar with upcoming and past events

+ ADD EVENT

< May 2025 >						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
28 Conference 03:15 Test new title for sessions - Day 7	29	30	1			
5	6	7	8			
12 Conference 12:00 28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024) - Day 2	13 Conference 06:00 28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024) - Day 3	14 Conference 06:00 28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024) - Day 4	15 Conference 10:00 28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024) - Day 5	16 Conference 10:00 28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024) - Day 6		
19	20	21	22	23 Лекция Краткий курс лекций по квантам - Day 1		
26 Лекция Краткий курс лекций по квантам - Day 4	27 Лекция 11:00 Краткий курс лекций по квантам - Day 5	28 Лекция 11:00 Краткий курс лекций по квантам - Day 6	29 Лекция 11:00 Краткий курс лекций по квантам - Day 7	30 Лекция 11:00 Краткий курс лекций по квантам - Day 8		
2	3	4	5			

- EN
- Acceleration division
- Manage
- Events
- List Events
- Calendar
- Meta-data
- Settings

🏠 > NICA > Acceleration division > Events > 28th International Scientific Conference of Young Scientists and Specialists (AY...



## Event

Event with main information and talks

EDIT EVENT

### Main information

Group:  
Conference

Title:  
28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024)

Description:  
28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024)

Starts: 11 May 2025, 06:00  
Ends: 16 May 2025, 13:00  
Location: 6 Joliot-Curie Street Dubna, Moscow region, 141980 Russias  
Alternative Location: 23 Joliot-Curie Street Dubna, Moscow region, 141980 Russia

Url: [28TH INTERNATIONAL SCIENTIFIC CONFERENCE OF YOUNG SCIENTISTS AND SPECIALISTS \(AYSS-2024\)](#)

### Topics

### Timetable

11-05-2025 12-05-2025 13-05-2025 14-05-2025 15-05-2025 16-05-2025

Session: AYSS-2024 Day-1: morning

Time: 09:00 - 12:00

Order	Title	Time	Duration	Authors	Files	Topics
1	Lectures: Colliders	09:00	00:30	Ванерий Лебедев	Lectures 1....pdf	Beam dynamics Beam optics

HELP

>>

### Navigation

- Main Information
- Topics
- Timetable
- Related Documents

### Event management

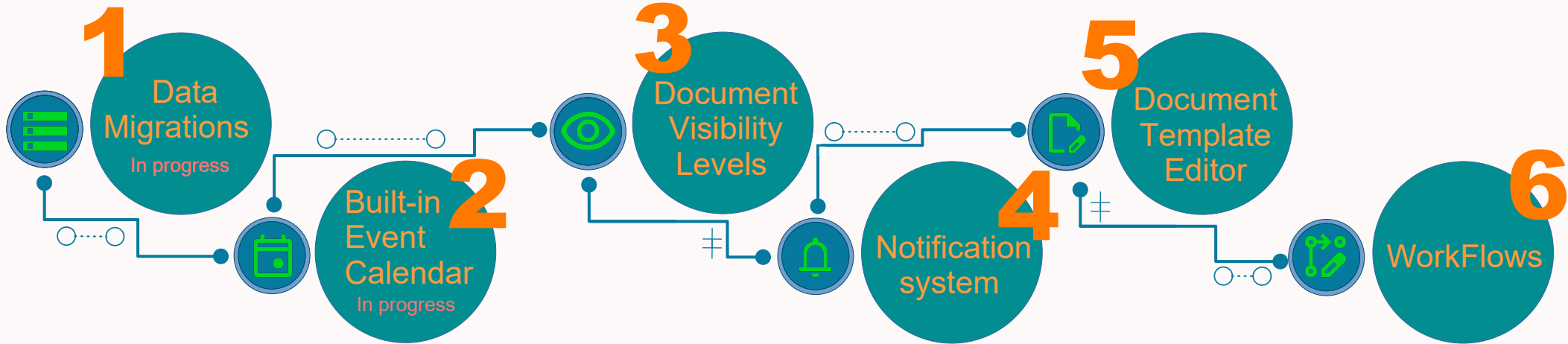
- Sessions
- Talks

### Moderators(3)

- Filippov Aleksandr
- Ramzdorf Aleksandr
- Shvedtelev




# Road Map



# Conclusion and FeedBack



- The **SciDocsCloud** platform is free and open-source software for storing and tracking of documents
- **The Document Management Service** for JINR research groups has been deployed based on SciDocsCloud
- The service is available to JINR employees and collaborators  [docs.jinr.ru](https://docs.jinr.ru) and the [JINR Digital Eco System](#)
- Migration from legacy DocDB systems IN PROGRESS



For questions, bug reports, or suggestions contact us at [docs@jinr.ru](mailto:docs@jinr.ru)