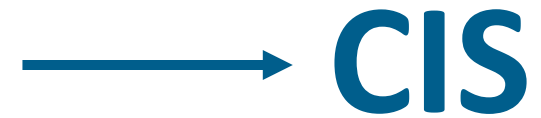
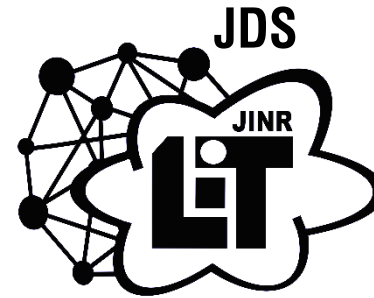
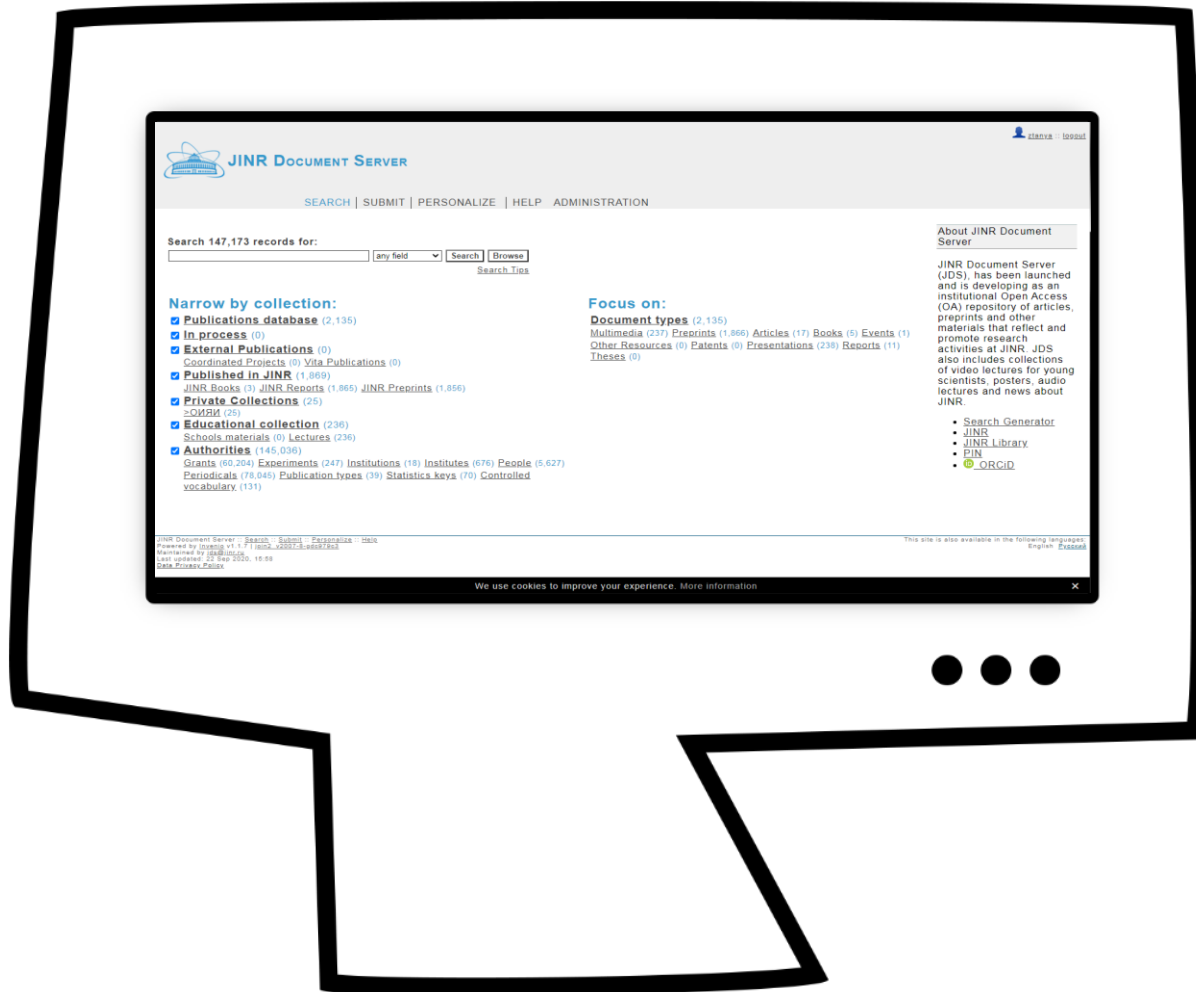


JOIN² Software Platform for the JINR Open Access Institutional Repository

I. Filozova (JINR), T. Zaikina (JINR), G. Shestakova (JINR), R. Semenov (JINR),
M.Köhler (DESY), A.Wagner (DESY), L. Baracci (DZNE)

JDS – JINR Document Server



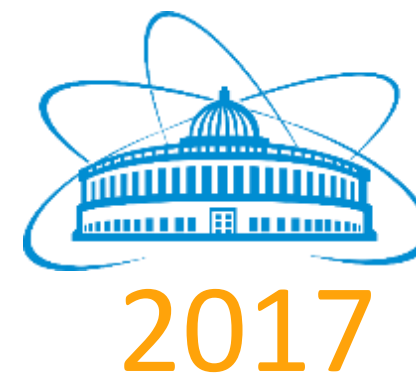


JOIN² Partners



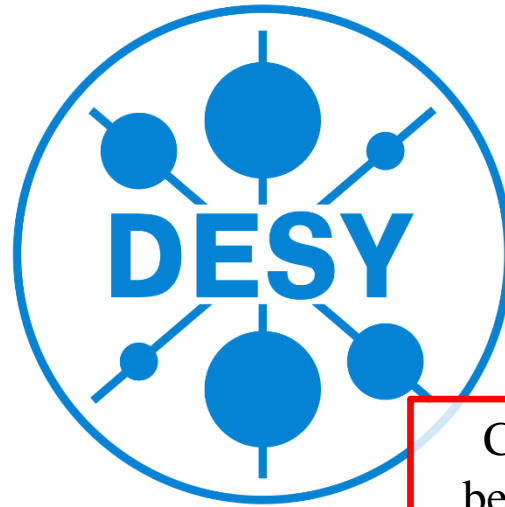


JOIN² Partners



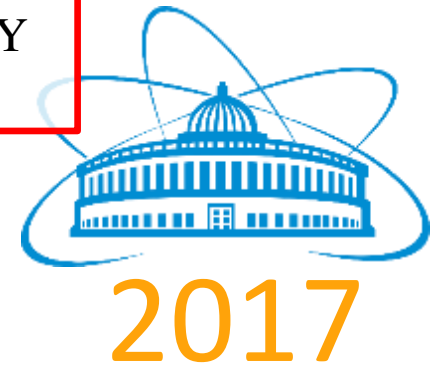


JOIN² Partners



2019

Cooperation agreement
between JINR and DESY
(Appendix 1)



Main advantages of JOIN2

The long-standing experience of the JOIN² partners is extremely useful and valuable

- systematic approach
- standardized
- avoid multiple inputs
- code reuse

- **Collection of Authority Records**
i.e. grants, experiments, institutions, institutes, people, periodicals
- **Link with bibliographic records**
- **Establishes a high level of consistency and data quality**
- The JOIN² workflow covers **several verification layers** of user data to minimize errors checked and reliable information to end users



The Main Challenges



- Multilingual authority records, e.g. to ensure seamless handling of authors' names in the Cyrillic and Latin script.
- Adaptation of the default JOIN² workflows to JINR issues.
- Efforts to customize forms for easy data entry.



The Main Characteristics of the JDS-JOIN² prototype (1)



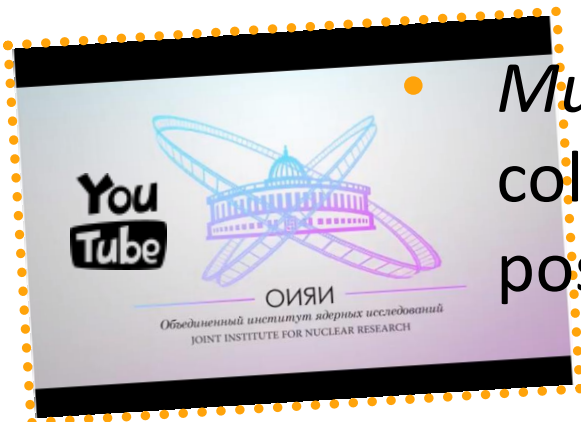
- *Software.* The prototype is implemented using **open-source technologies.**



- *User interface.* The Invenio platform provides a wide range of features for users.



- *Multimedia content.* JDS embraces multimedia collections of video lectures for young scientists, posters, audio lectures, etc.



The Main Characteristics of the JDS-JOIN² prototype (2)

- *Search Generator and Advanced Search.*
- *Statistics and Reporting.*
JOIN² encompasses a module for statistics and reporting with export to PDF. The statistics tool enables the creation of various types of reports that reflect and facilitate research activities of the institute.
- *Export of publications.*
Users can export a list of their publications into their website or to various bibliographic formats.

The Main Characteristics of the JDS-JOIN² prototype (3)

- *Authorities and Private Collections*

Since it is planned to integrate JDS into the JINR corporate information system as a CRIS & OAR unit, it is essential to provide efficient and consistent reuse of data of employees, projects, grants, etc. Authority Records handle this task.

JDS Authority Records are:

- ☑ Grants
- ☑ Experiments
- ☑ Institutions and local institutes
- ☑ People
- ☑ Periodicals



People's Authority Record

Korenkov, Vladimir Vasilyevich

Кореньков, Владимир Васильевич

Also known as: Koren'kov, V. V.; Korenkov, V. V.; V. V. Korenkov; Vladimir Korenkov; Vladimir Vasilyevich Korenkov; В. В. Кореньков; Владимир Васильевич Кореньков; Владимир Кореньков; Кореньков, В. В.

Institutes

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0000-0002-2342-7862

 INSPIRE

[INSPIRE-00309962](#)

 INSPIRE Profile

[V.Korenkov.1](#)

Web of Science ResearcherID

[H-7665-2017](#)

Scopus

[57193414565](#)

PUBLICATIONS IN PRINT


[All known publications](#)

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Report/Journal Article

[Sirunyan, A. M.](#) ; [Tumasyan, A.](#) ; [Adam, W.](#) ; *et al*

Measurement of the cross section for $t\bar{t}$ production with additional jets and b jets in pp collisions at $\sqrt{s} = 13$ TeV

[Journal of high energy physics](#) 2020(7), 125 (2020) [[10.1007/JHEP07\(2020\)125](#)] 

 [Fulltext by arXiv.org](#)

[BibTeX](#) | [EndNote XML](#) | [Text](#) | [RIS](#) |

Journal Article

[Sirunyan, A. M.](#) ; [Tumasyan, A.](#) ; [Adam, W.](#) ; *et al*

The production of isolated photons in PbPb and pp collisions at

Grants Authority Record

РФФИ_16-32-10042_мол_г

Проект организации XX Международной конференции молодых ученых и специалистов, посвященная 60летию ОИЯИ (AYSS-2016)

Coordinator Фризен А.В.
Grant period 2016-2016
Funding body I:(DE-588b)5118184-8
РФФИ
Identifier G:(Ru-JINR)16-32-10042

RECENT PUBLICATIONS

Book/Proceedings

Friesen, A. V. (Corresponding author)

XX International Scientific Conference of Young Scientists and Specialists (AYSS-2016) Dedicated to the 60th Anniversary of the Joint Institute for Nuclear Research

 [Files](#)

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PTP Authority Record

05-6-1118

Информационно-вычислительная инфраструктура ОИЯИ

Information and Computing Infrastructure of JINR

Coordinator Korenkov, Vladimir
Grant period 2014 - 2023
Funding body Joint Institute for Nuclear Research
Categories [Theme](#)
Identifier G:(Ru-JINR)PTP-05-6-1118

[↑ Networking, Computing, Computational Physics \(05\)](#) [↑](#)

RECENT PUBLICATIONS

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Contribution to a conference proceedings

[Petrosyan, A. S.](#) (Corresponding author) ; [Malevanniy, D.](#)

DISTRIBUTED DATA PROCESSING OF THE COMPASS EXPERIMENT

The 27th International Symposium Nuclear Electronics and Computing, NEC 2019, Budva, JINR, Montenegro, 30 Sep 2019 - 4 Oct 2019 [Aachen](#) : RWTH

Vol-2507, (2019) [SFX](#)

[BibTeX](#) | [EndNote XML](#) | [Text](#) | [RIS](#)

Journal Article

[Astrakhantsev, N. Y.](#) ; [Braguta, V. V.](#) ; [Kotov, A. Y.](#) (Corresponding author) ; [Nikolaev, A. A.](#)

Lattice study of QCD at finite chiral density: topology and confinement

Missing Journal / Fehlende Zeitschrift 1, 10-15 (2019) [SFX](#)

[OPEN ACCESS](#) [Fulltext by arXiv.org](#)

[BibTeX](#) | [EndNote XML](#) | [Text](#) | [RIS](#)

Preprint

[Volkov, A. D.](#) (Corresponding author)

Тест Стенд для исследования характеристик строу.

[BibTeX](#) | [EndNote XML](#) | [Text](#) | [RIS](#)

Lecture

[Ferguson, J.](#) (Corresponding author)

CERN Welcome talk and opening of the AIS part

Lecture at SCHOOL ON JINR/CERN GRID AND ADVANCED INFORMATION SYSTEMS (Dubna, Russia),

[BibTeX](#) | [EndNote XML](#) | [Text](#) | [RIS](#)

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The submission of the publication comprises:

- ☑ Importing data from DOI, ISBN, arXiv, WoS, Medline, PubMed, INSPIRE;
- ☑ Enabling "exact matches" of the author based on a unique ID;
- ☑ Normalizing as much as possible through authority control;
- ☑ Several verification layers of user data provide reliable, consistent information to end users.

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* Mandatory

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Relevant for Publication Database * ⓘ yes no

Report number ⓘ

Institution: Number:

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PTP (Theme of JINR Topical Plan) * ⓘ

Grant name ⓘ

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Author(s) / Editor(s) * ⓘ



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Concept of JINR Corporate Information System

[I.A. Filozova](#), [M.V. Bashashin](#), [V.V. Korenkov](#), [S.V. Kunjaev](#), [G. Musulmanbekov](#) [Show All\(10\)](#)

Sep 4, 2016

4 pages

Published in: *Phys.Part.Nucl.Lett.* 13 (2016) 5, 625-628

DOI: [10.1134/S1547477116050204](https://doi.org/10.1134/S1547477116050204)

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Abstract: (Springer)

The article presents the concept of JINR Corporate Information System (JINR CIS). Special attention is given to the information support of scientific researches – Current Research Information System as a part of the corporate information system. The objectives of such a system are focused on ensuring an effective implementation and research by using the modern information technology, computer technology and automation, creation, development and integration of digital resources on a common conceptual framework. The project assumes continuous system development, introduction the new information technologies to ensure the technological system relevance.

[References \(5\)](#)

[Figures \(0\)](#)

Problems of introduction of information systems

[1] A. Kusov

<http://uecs.ru/uecs-28-282011/item/411-2011-04-25-10-08-37>

Submit New Record

Journal Article

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Import data ⓘ

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Title preview:

Institute(s) * **PTP (Theme of JINR Topical Plan) *** **Grant name** **Beamline/Experiment/Facility** **Author(s) / Editor(s) *** 

Filozova, I. A. -> Filozova, Irina Anatolyevna (ОИЯИ: fia@jinr.ru|fia@jinr.ru / ЛИТ:НТОВКиРИС:Сек.№4:Гр.№2|УИ:УНОРиМС:НТБ:ГОиК) Corresponding author [Объединенный институт ядерных исследований]



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Shestakova, G. V. -> Shestakova, Galina Vasilyevna (ОИЯИ: shestakova@jinr.ru / ЛИТ:НТОВКиРИС:Сек.№4:Гр.№2) Author [Объединенный институт ядерных исследований]



Strizh, T. A. -> Strizh, Tatyana Aleksandrovna (ОИЯИ: strizh@jinr.ru / ЛИТ:Р) Author [Объединенный институт ядерных исследований]



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[Объединенный институт ядерных исследований]



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Korenkov, V. V. -> Korenkov, Vladimir Vasilyevich (ОИЯИ: korenkov@jinr.ru / ЛИТ:Р)
Author [Объединенный институт ядерных исследований]



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ЛИТ:НОВФ:Сек.№1) Author [Объединенный институт ядерных исследований]



Semenov, R. N. -> Semenov, Roman Nikolaevich (ОИЯИ: roman@jinr.ru /
ЛИТ:НТОВКиРИС:Сек.№4:Гр.№2) Author [Объединенный институт ядерных
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**Title *** 

Concept of JINR Corporate Information System

Title preview:

Concept of JINR Corporate Information System

Journal * DOI

Volume * **Issue** **Pages / Article No. ***

Title of Special Issue **ISBN of Special Issue**

Publication Year * **Language ***

Conference name **Acronym**

Place **Country** **Begin** **End** **Publisher**

Place of publication **JDS additional information** **Free keywords**

Abstract

The article presents the concept of JINR Corporate Information System (JINR CIS). Special attention is given to the information support of scientific researches – Current Research Information System as a part of the corporate information system. The objectives of such a system are focused on ensuring an effective implementation and research by using the modern information technology, computer technology and automation, creation, development and integration of digital resources on a common conceptual framework. The project assumes continuous system development, introduction the new information technologies to ensure the technological system relevance.

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Concept of JINR Corporate Information System

Filozova, I. A. (Corresponding author)* ; Bashashin, M. V.* ; Korenkov, V. V.* ; Musulmanbekov, G.* ; Semenov, R. N.* ; Shestakova, G. V.* ; Strizh, T. A.* ; Ustenko, P. V.* ; Zaikina, T. N.* ; Kunyaev, S. V.*

2016
Springer Heidelberg

Physics of particles and nuclei letters 13(5), 625 - 628 (2016) [[10.1134/S1547477116050204](https://doi.org/10.1134/S1547477116050204)]



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Contributing Institute(s):

1. [Группа №2 развития и сопровождения информационных систем общеинститутского назначения \(ЛИТ:НТОВКиРИС:Сек.№4:Гр.№2\)](#)

Research Program(s):

1. [05-6-1118 - Information and Computing Infrastructure of JINR \(PTP-05\)\(PTP-05\)](#)

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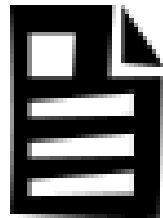
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Thank you for attention!

