

Particular experience in design and implementation of the CRIS in Russia: national specificity

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Astrakhan State University

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CRIS of Astrakhan State University (Russia)

Since 2011, our team makes efforts to design, implement, and put into operation a CRIS <http://science.aspu.ru> in Astrakhan State University. 833 faculties are registered in the CRIS at May 1, 2014.

The CRIS contains metadata about

- 5657 publications,
- 564 patents,
- 93 funding,
- 21 contracts,
- 141 theses (dissertations),
- 175 awards

linked to Astrakhan State University.

The total amount of the metadata is slightly more because some metadata are linked to the persons only.

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- tools to interacting with external sources of scientific and scientometric information.

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The main principle

Metadata of research output are stored as a single record, regardless of the number of contributors (co-authors) and their belonging to different divisions (departments or labs).

Mechanism of data linkage associates a research output with contributors and their departments.

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1 Publications

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Main sections

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2 Patents

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- 7 **Statistics.**

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Filling information

A faculty should fill own profile with metadata of research output and link the metadata with co-authors.

Theory — Web 2.0

The more active and responsible users employ the CRIS, the more complete and reliable information is stored in the database.

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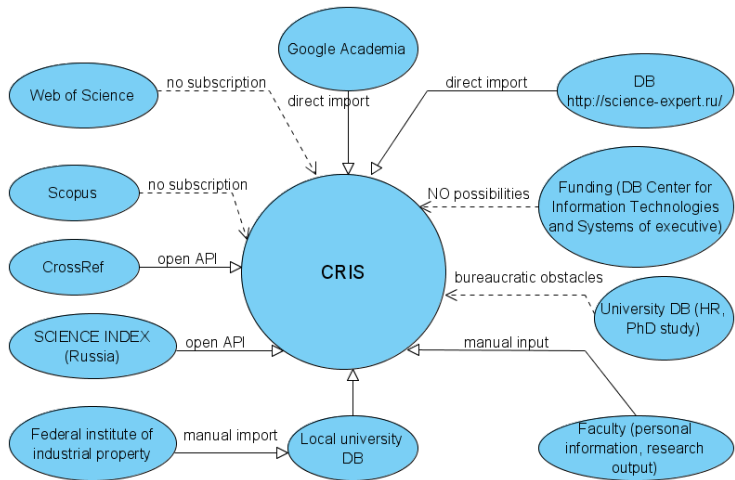
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Praxis — messy data

Stream of information 'employees-database' is very unreliable: the information comes irregularly, incomplete and unreliable.

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- to import some information from CrossRef, Science Index (Russia), Google Scholar.

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- **Feedback. Someone can write 'I cannot do anything!' but nobody describes the problem or offers to improve interface and functionality.**

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How to account citations?

1=2

Original article in Russian.
Journal Физика твердого тела

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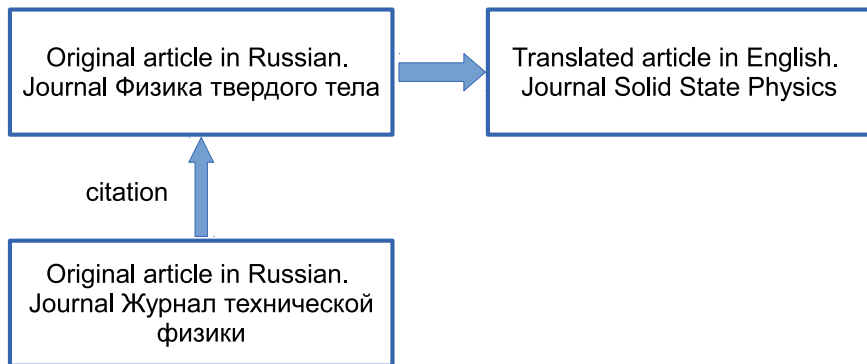
Translated article in English.
Journal Solid State Physics

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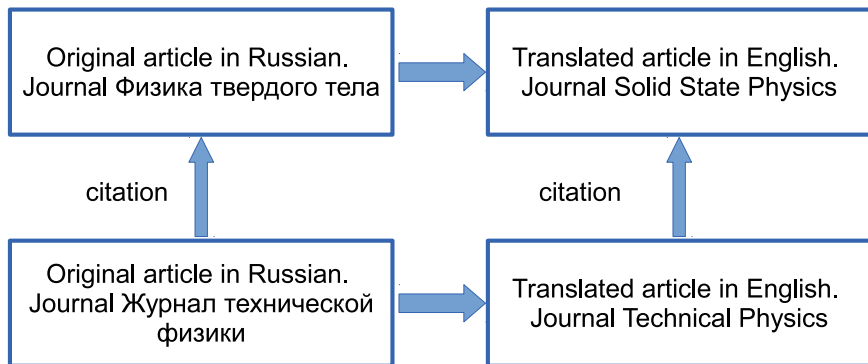


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- Some national DB's do not offer free API's.

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CRIS can generate

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Perspectives

- Trends of publication activity.

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Thank you for your attention!



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