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

12th International Conference of Current Research Information Systems


Astrakhan State University

Team

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Current Research Information System

http://science.aspu.ru
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.
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.
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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**Theory — Web 2.0**

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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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Automatisation

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

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Main problems

- Technical problems: Server is not very reliable because of frequent problems with electricity.

- Managers do not demonstrate the real interest in complete, reliable, actual information.

- Bureaucratic obstacles hinder to get information even from local DB's.

- Nobody read a user manual and system messages.

- Faculties have no incentive to fill out the information, because salary does not depend on the research output.

- Some faculty has poor computer skills.

- 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

Translated article in English. Journal Solid State Physics
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How to account citations?

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- The University has not a subscription to Web of Science. The price is too high for a regional university.
- Bureaucratic obstacles.
- Some national DB’s do not offer free API’s.
Today

**CRIS can generate**

- Statistical Reports,
Today

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- Statistical Reports,
- CV’s,
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- CV’s,
- Publication Lists,
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Current Research Information System  http://science.aspu.ru
Today

CRIS can generate
- Statistical Reports,
- CV’s,
- Publication Lists,
- ratings,
- etc.
Perspectives

- Trends of publication activity.
Tomorrow

Perspectives

- Trends of publication activity.
- Trends of research activity.

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Thank you for your attention!