

Elsevier Research Intelligence

НОВЫЕ АНАЛИТИЧЕСКИЕ РЕШЕНИЯ КОМПАНИИ ELSEVIER

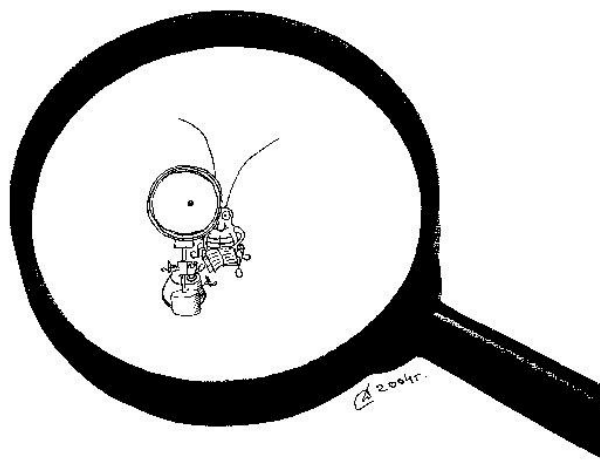
Вадим Александрович Соболев

Elsevier

v.sobolev@elsevier.com

Все специалисты согласны, что ни одна метрика **не может эффективно отразить весь спектр научной производительности**

Метрики служат лишь дополнением **к другим источникам информации**



Средства эффективного управления и оценки научной деятельности

SciVal

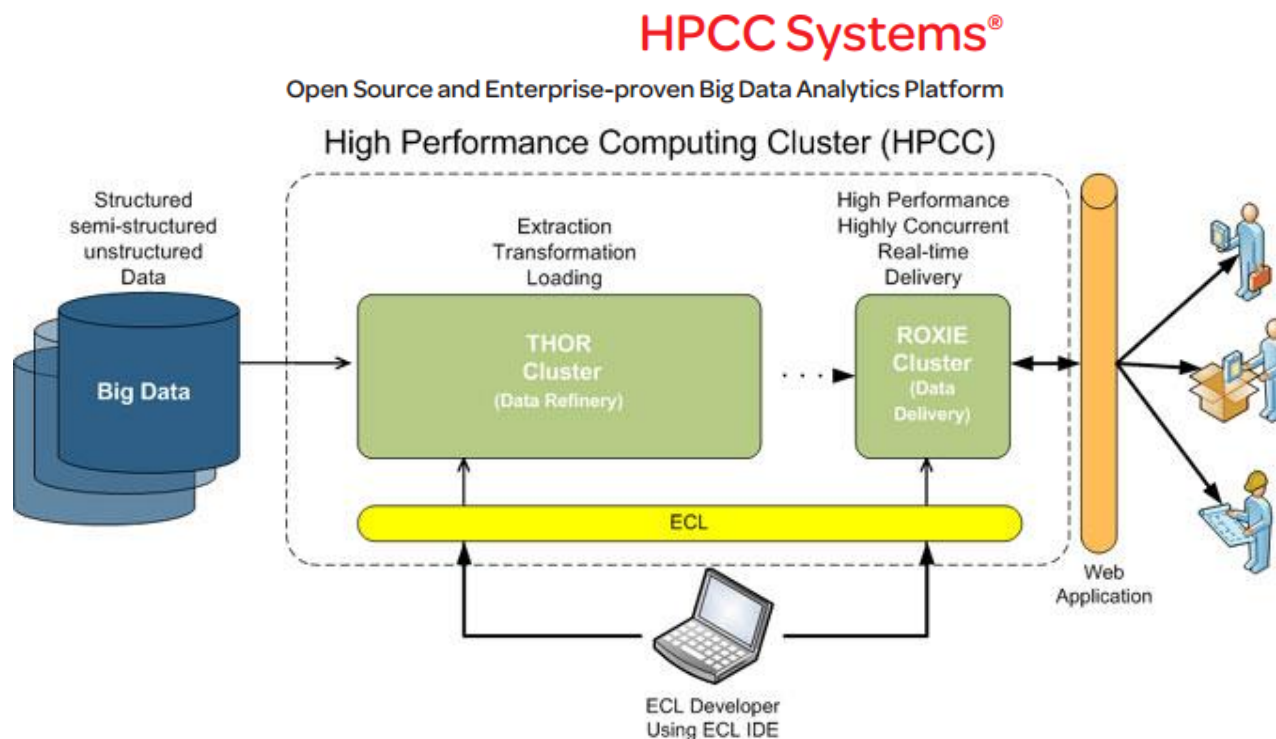
Эффективная оценка научных исследований и планирование стратегии развития

Pure

Эффективное управление процессом научных исследований



Обработка аналитики с помощью Высоко-Производительного Компьютерного Кластера (HPCC)



Используя HPCC, SciVal может обрабатывать 75 триллионов показателей менее чем за секунду

SciVal

He

Home

Performance
Overview

Benchmarking

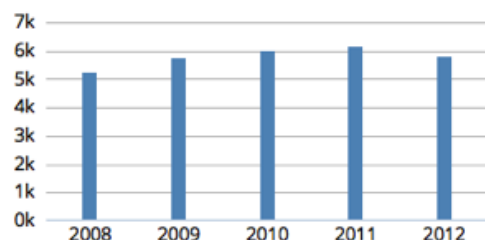
Collaboration
Analysis

My Stuff

Welcome, Vadim Sobolev!

Let SciVal help you put your research performance in perspective

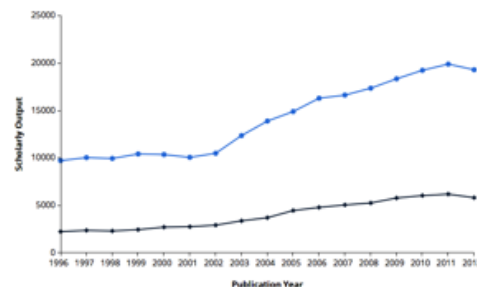
Performance Overview



Get a high-level overview of the research performance of your Institution, other Institutions, Countries and Groups of Researchers.

[Performance Overview >](#)

Benchmarking



Benchmark any Institutions, Research Areas, Countries, and Researchers using a wide variety of metrics.

[Benchmarking >](#)

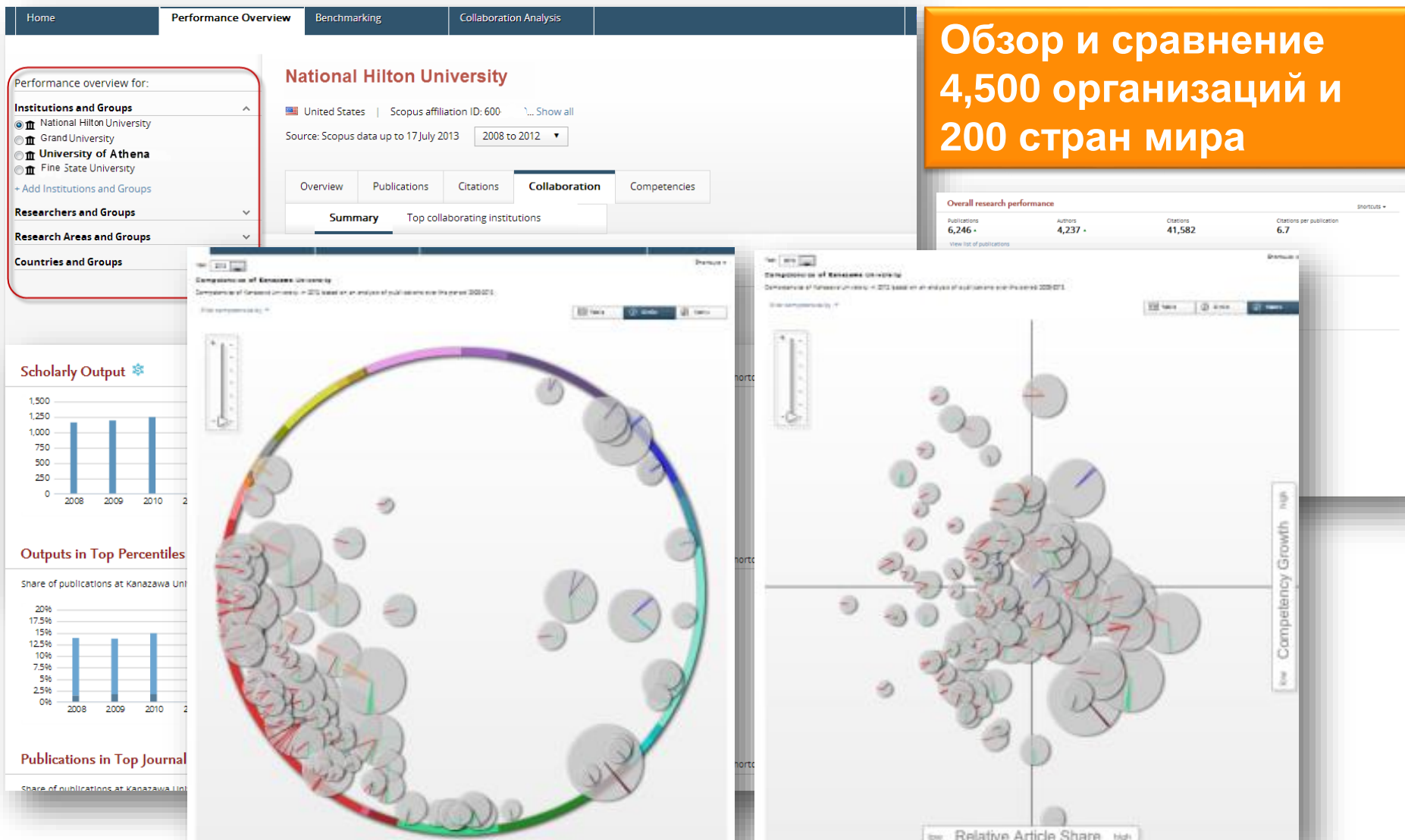
Collaboration Analysis



Explore the collaboration network of your Institution, other Institutions and Researchers.

[Collaboration Analysis >](#)

Сравнение по различным метрикам на уровне персоналий, организаций, стран, предметных областей и т.п.



Богатый набор метрик для анализа

Можно выбирать любые метрики и любые организации или персоналии для подробного анализа и сравнения

Productivity metrics

Scholarly Output 
 h -indices (h , g , m) 

Citation Impact metrics

Citation Count 
Citations per Publication 
Cited Publications
 h -indices (h , g , m) 
Field-Weighted Citation Impact 
Publications in Top Percentiles 
Publications in Top Journal Percentiles
Collaboration Impact (geographical)
Academic-Corporate Collaboration Impact

Collaboration metrics

Authorship Count
Number of Citing Countries
Collaboration (geographical) 
Academic-Corporate Collaboration

Disciplinary metrics

Journal count
Journal category count

RAS - Siberian Branch

 Russian Federation | [More details on this Institution](#)

Source: Scopus data up to 18 Aug 2014

2009 to 2014 ▼

no filter selected ▼

Summary

Publications

Citations

Authors

Collaboration

Competencies

Overall research performance

Export ▼

Shortcuts ▼

Publications

7,546 ▲

 [View list of publications](#)

Authors

6,003 ▲

Citations

21,256

Field-Weighted Citation Impact

0.62

Performance by Journal Category

Export ▼



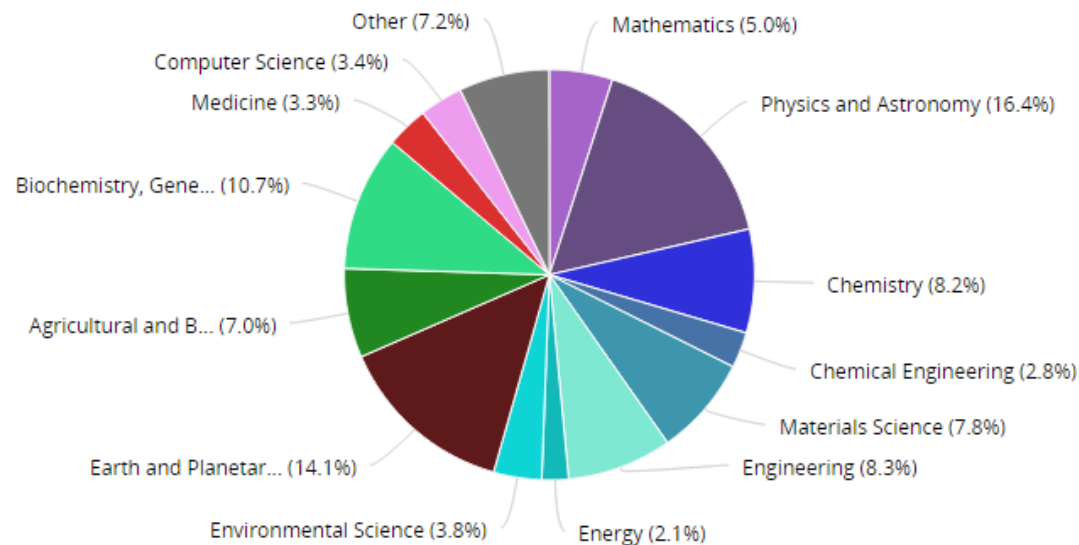
Pie chart



Bar chart



Table



Top authors

Export ▼

Top 5 authors, by number of publications at RAS - Siberian Branch over the period 2009 to 2014.

Note that some authors may no longer be affiliated with RAS - Siberian Branch.

Name	Korol, A. ✕ Scopus author ID: 34571116900 View in Scopus				Index
1. Korol, A.	Publications 365 View list of publications	Citations 9,705	Citations per Publication 26.6	<i>h</i> -index 44	44
2. Bogdanchikov, A.					38
3. Talyshev, A.					38
4. Tikhonov, Y.A.					38
5. Anisenkov, A.					25
→ View the top 100 authors					
	Publications by Institution - RAS - Siberian Branch (44.7%) - RAS - Budker Institute of Nuclear Physics (37.8%) - Novosibirsk State University (9.3%) - Other (8.1%) Publications by Journal Category - Nuclear and High Energy Physics (49.0%) - General Physics and Astronomy (21.4%) - Physics and Astronomy (miscellaneous) (11.6%) - Other (18.0%) Publications by Journal - Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics (24.9%) - Physical Review D - Particles, Fields, Gravitation and Cosmology (18.9%) - Physical Review Letters (16.7%) - Other (39.5%)				

Year: 2013 ▼

Карта научных компетенций СО РАН

xport ▼

Shortcuts ▼

Competencies of RAS - Siberian Branch

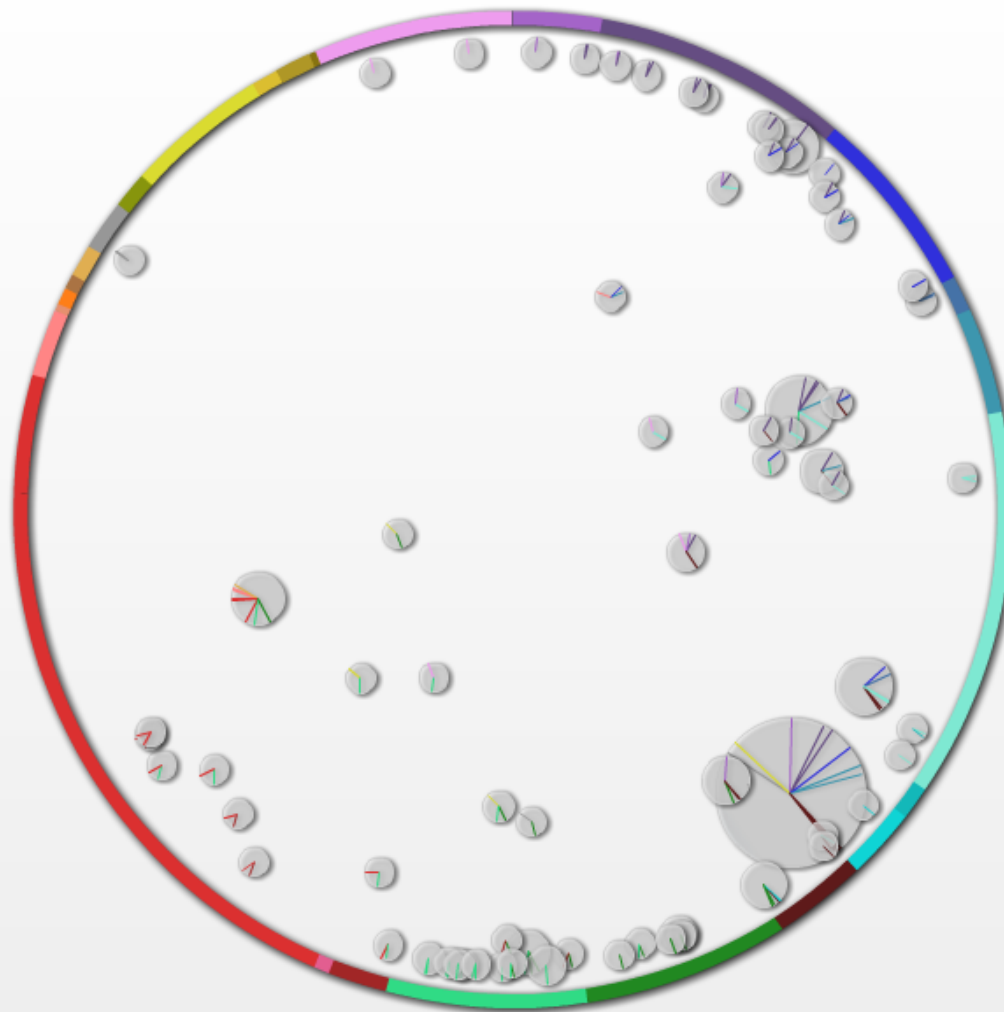
Competencies of RAS - Siberian Branch in 2013, based on an analysis of publications over the period 2009-2013

[Filter competencies by ▼](#)

Table

Circle

Matrix



Публикационная активность

[Home](#)[Overview](#)[Benchmarking](#)[Collaboration](#)[Show tags](#)

Institutions and Groups

- ☐ Moscow State University
- ☐ Nagoya University
- ☐ Nizhni Novgorod State University
- ☐ Northwestern University
- ☐ RAS
- ☐ RAS - Budker Institute of Nuclear

Physics

[+ Add Institutions and Groups](#)[* Remove all entities from this section](#)

Researchers and Groups

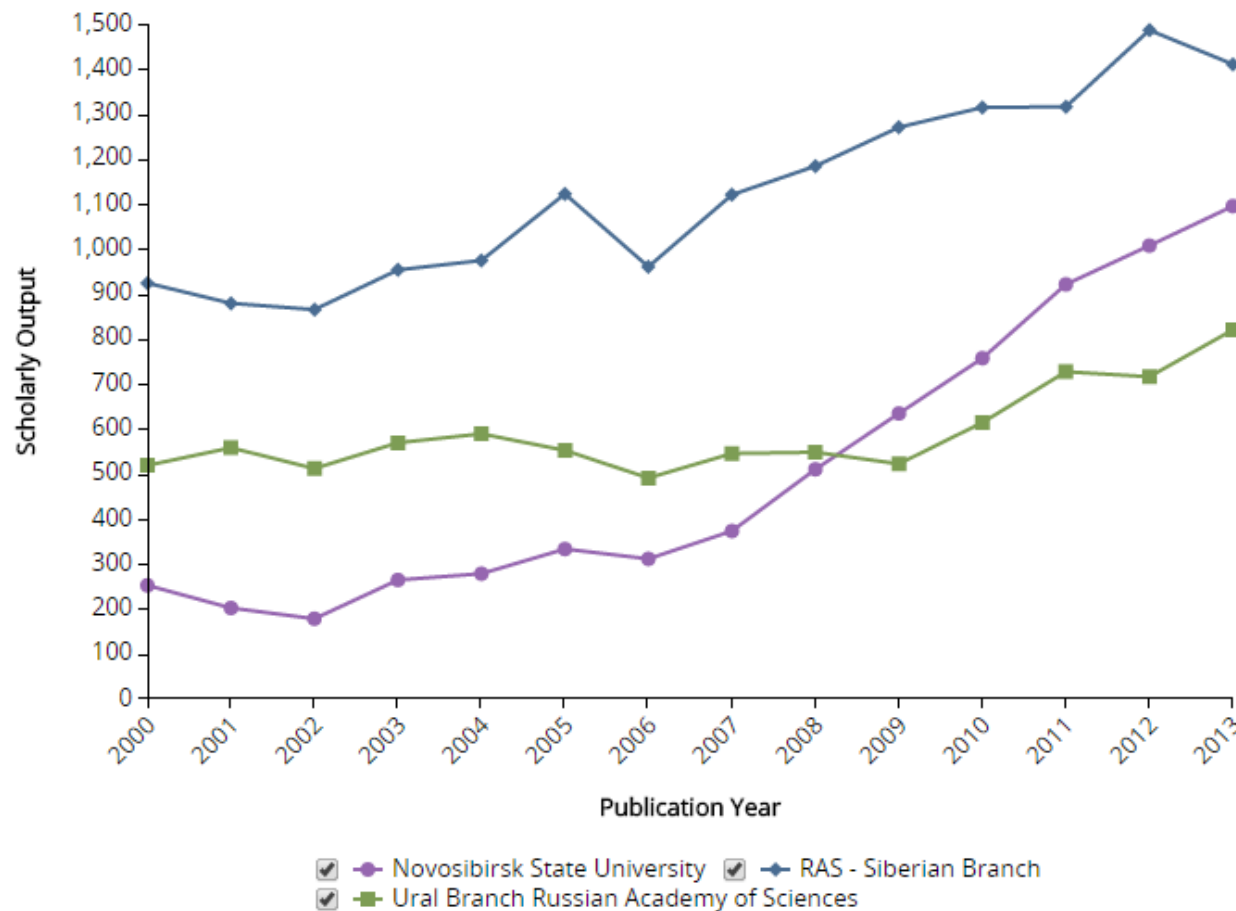
Publication Sets

Countries and Groups

Research Areas

Scholarly Output

Publication Year



Публикации в топ 10% мировых публикаций

Outputs in Top Percentiles Publication Year

 Show tags

Institutions and Groups

- ☐  Moscow State University
- ☐  Nagoya University
- ☐  Nizhni Novgorod State University
- ☐  Northwestern University
- ☐  RAS
- ☐  RAS - Budker Institute of Nuclear

Physics

[+ Add Institutions and Groups](#)[x Remove all entities from this section](#)

Researchers and Groups

Publication Sets

Countries and Groups

Research Areas

Цитирование нормированное по предметной области, типу и году публикации (FWCI)



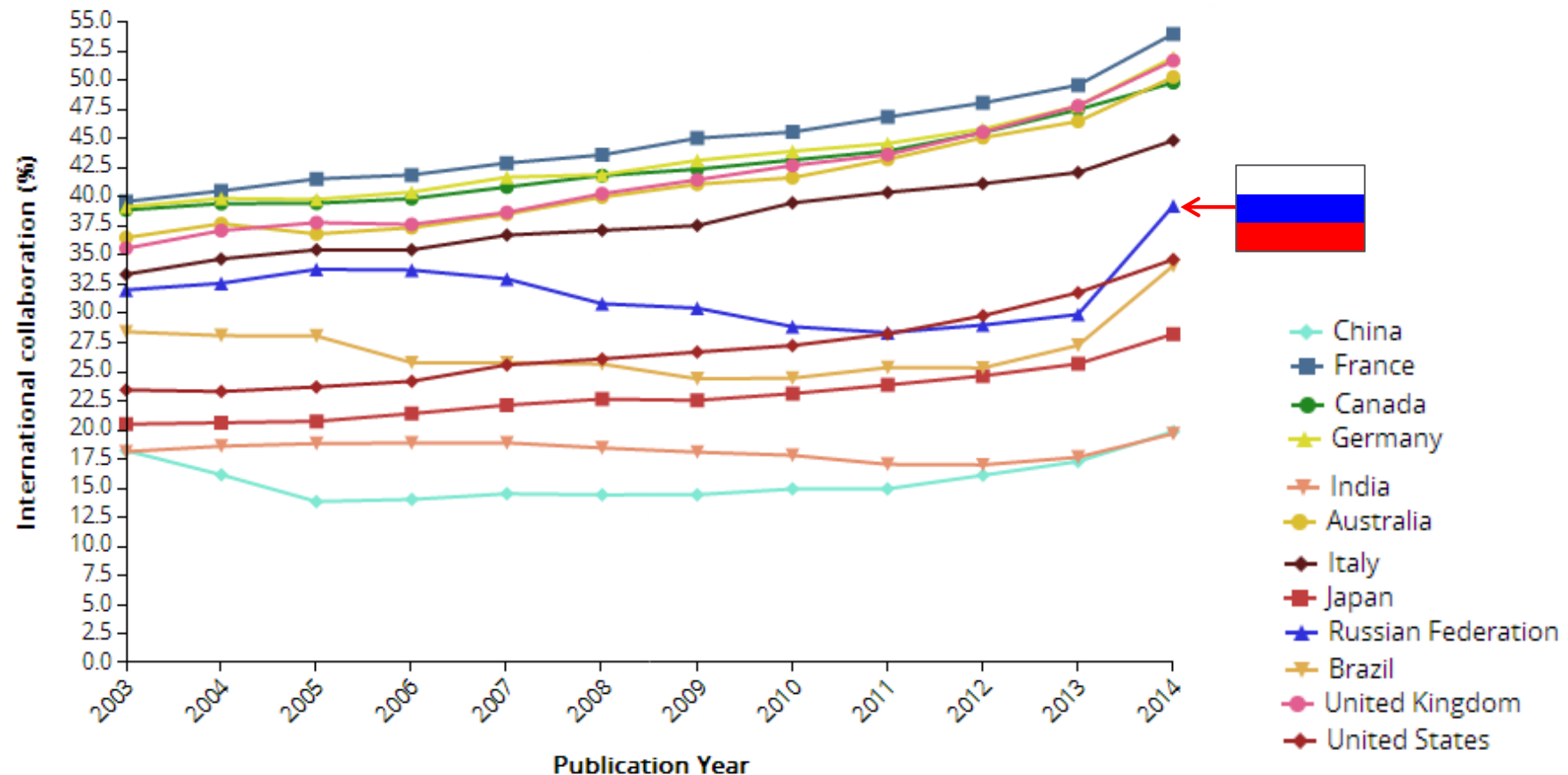
Ключевые факторы успеха - Международные коллаборации и мобильность исследователей

Международное сотрудничество и мобильность исследователей были признаны ключевыми для поддержания и дальнейшего развития лидирующего положения государства, как научно-исследовательской нации (UK BIS Report 2013)

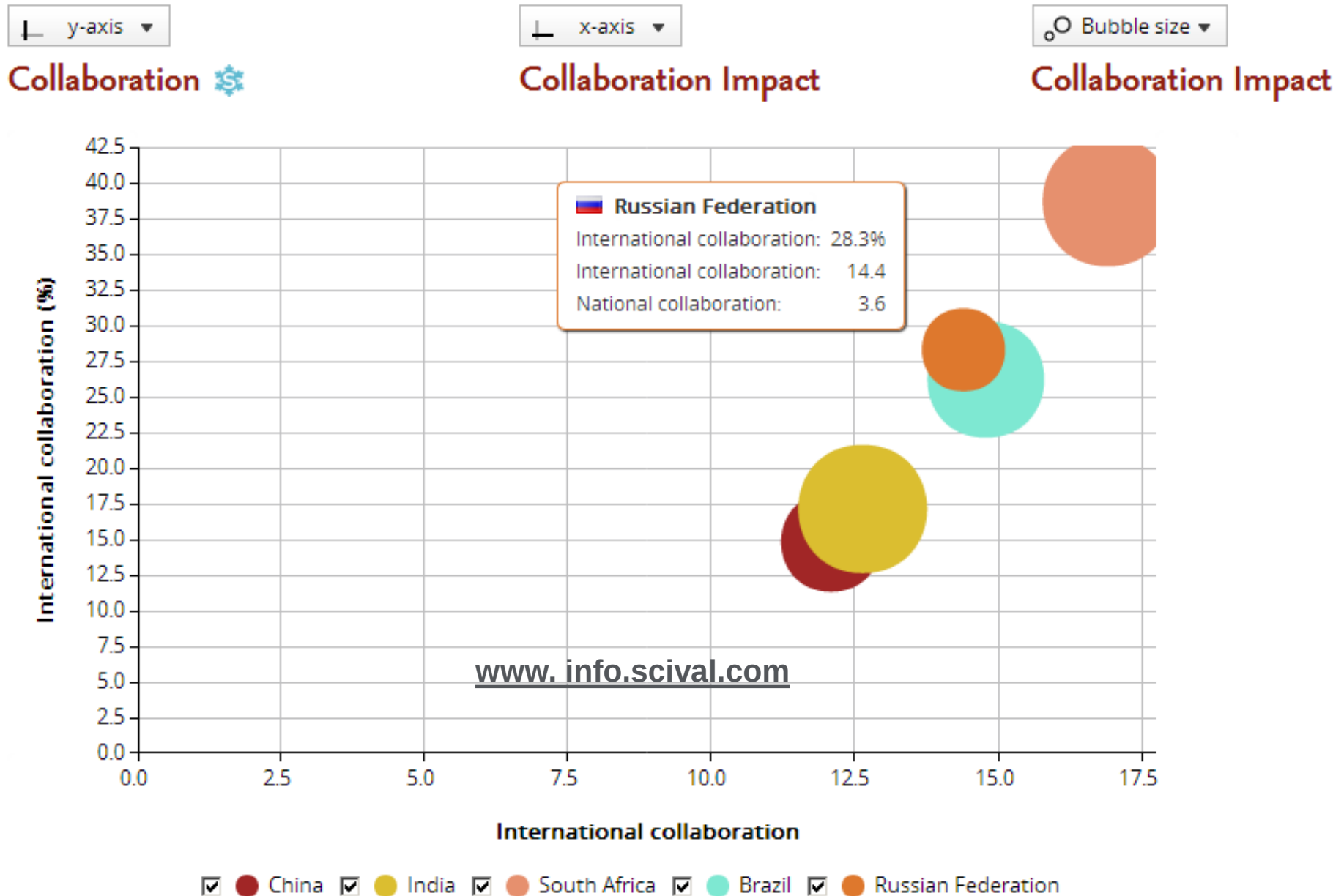
Collaboration 

Publication Year

SciVal



Влияние международных коллабораций



Current collaboration

Potential collaboration

Map

Table

Institutions collaborating with RAS - Siberian Branch

Worldwide ▼

All sectors ▼

1,068 collaborating Institutions 3,960 co-authored publications



Что такое SciVal?

Набор инструментов, соблюдающих баланс между **простотой** в использовании и **передовые** аналитические возможности

Полная гибкость - возможность создавать любую желаемую группу исследователей и организаций, и сравнивать их с любой референтной группой.

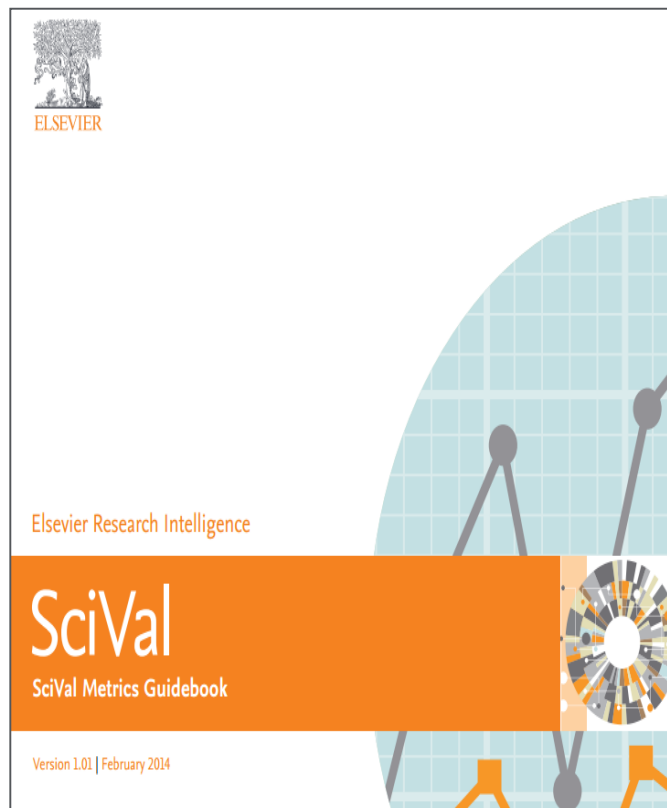
Предлагая широкий спектр общепринятых в отрасли и простых в интерпретации метрик, **SciVal** позволяет пользователю делать всестороннюю оценку научной эффективности

A comprehensive guidebook to help you understand the practical use of metrics in SciVal – the new generation.

Download the guidebook NOW



www.info.scival.com



Информация о научных исследованиях и об ученых организации разбросана в разных несвязанных друг с другом системах

Часть информации лежит в головах людей или в отдельных электронных таблицах, что делает невозможным полностью полагаться на полноту доступных данных



Pure

Publication and Research

Pure – это Система Управления Научными Исследованиями для академических и государственных организаций, предоставляющая единый источник всех данных о научном процессе в организации:

- Объединяет научные проекты, публикации, данные об ученых, о факультетах, о коллаборациях, гранты, отчеты, финансовую информацию, и многое другое
- Интегрируется с внутренними системами организации и с внешними базами данных

Благодаря интеграции внутренних и внешних источников данных в единой системе, **Pure** поддерживает полный процесс мониторинга и обоснованного принятия решений в области научных исследований организации.



PURE – полное соответствие международным стандартам euroCRIS



The European Organisation for
International Research Information

EuroCRIS - Некоммерческая организация, осуществляющая стандартизацию научно-исследовательских информационных систем и их взаимодействие.

Стандарт **CERIF**: Common European Research Information Format. Формат обязателен для отчетности по грантам EU. Согласован с методиками стат-наблюдения OECD.

Какие данные поступают в Pure?



Внутренние системы

- Отдел кадров
- Бухгалтерия и финансы
- Аспиранты и преподаватели
- Грантовый департамент



Архивные данные

- Старые системы со списками публикаций, репозитории, данные о завершенных проектах, и т.п.



Внешние данные

- Scopus, Web of Science, InCites, SciVal, ArXiv, PubMed, Embase, etc.

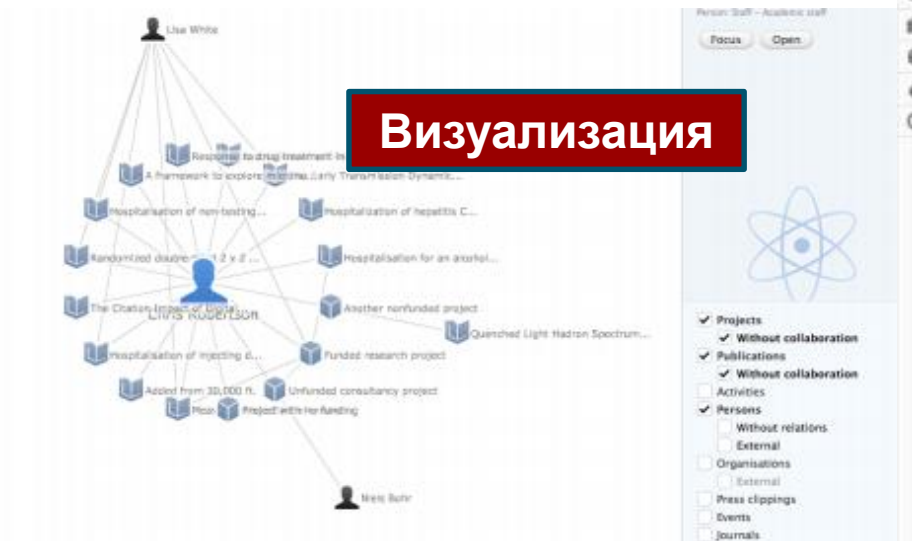


Ручной ввод данных

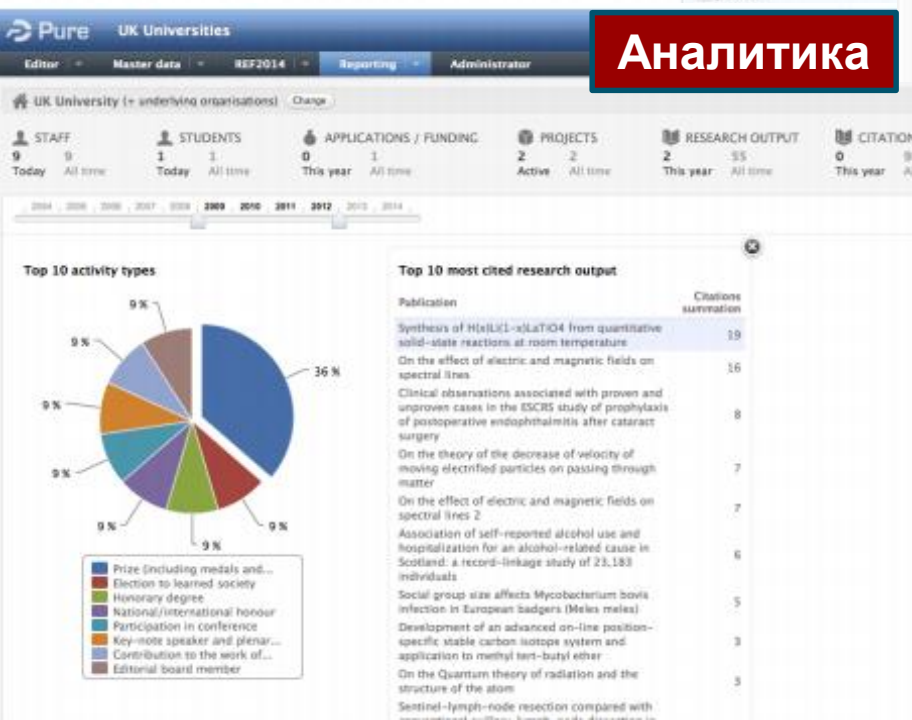
- Actual data input
- Enrichment of synchronized or imported data
- Quality assurance of synchronized or imported data

Pure

Визуализация



Аналитика



Профиль ученого

User profile page for Chris Robertson on Pure UK Universities. The page includes a personal overview, research output, activities, projects, applications/funding, and impacts. It also features a 'My CV' section with links to watch videos about the CV module, create a new CV, and maintain a CV. The profile information includes full name, civil status, private address, birth date, phone, email, and previous employer.

Personal overview

- Research output
- Activities
- Projects
- Applications / Funding
- Impacts

Chris Robertson
M.Sc CS, PhD
Department of Statistics & Modelling
my portal profile
[Edit profile...](#)

[My research](#) [My profile](#)

Personal profile

Full name: Christopher J. Robertson
Civil status: Married
Private Address: 115 The Queen's Lawn, Kensington, London SW7 2AZ, Great Britain
Born: December 2nd, 1966
Private Phone: +44 2078484440
Private e-mail: cr1966@gmail.com
Previous employer
Aston University
Aston Triangle
Birmingham
B4 7ET, United Kingdom
VAT no. GB 849 719 73
01/09/03 - 10/08/10
Other work
Member of DBCS, Danish Board of Christian Science

My CVs

Watch videos about the CV module:

- [Create new CV in Pure](#)
- [How to maintain a CV in](#)

My CV for STFC applications
Curriculum Vitae - Private CV

My CV
Curriculum Vitae - Private CV

My MRC CV
Curriculum Vitae

Отчеты

Choose a content type

- EDITORIAL
- Activities
- Applications / Funding
- Impacts
- Press clippings
- Projects
- Funded Projects
- Non-funded Projects
- Research output**
- Student theses

- REF 1a/c (Staff REF2014)
- REF 1b (OSC REF2014)
- REF 2 (Outputs REF2014)
- Units of assessment

- MASTER DATA
- Equipment/facilities
- Events
- External organisations
- External person
- Journals

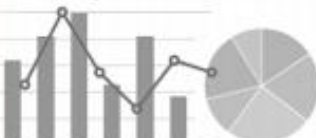
Matrix (analysis)

Organisation	2005	2006	2007	2008	2009	2010
Faculty Of Science	398	350	330	817	794	125
Faculty Of Engineering	311	376	331	663	712	231
Professional Services	66	75	63	38	40	12
Faculty Of Law	134	119	100	302	216	184
Faculty Of	76	70	104	108	274	80

Table

Title	Type	pages	Publication date	Visibility
BiG Test	Article	416	1/01/10	Public
An experimental and finite element study of the concrete bridge failure of a government steel lighting column	Paper	416	1/01/08	Public
Temperature gradient effects on moisture transport in porous building materials	Article	11	1/01/08	Public
An optimal gain matrix for time delay feedback control	Paper	416	1/01/08	Public

Chart (analysis)



Table

Organisation	2005	2006	2007	2008	2009	2010
Faculty Of Science	398	350	330	817	794	125
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Listing

1.1. 2009	Temperature gradient effects on moisture transport in porous building materials	Article	11	1/01/08	Public
1.2. 2010	An optimal gain matrix for time delay feedback control	Paper	416	1/01/08	Public

Raw data spreadsheet

1.1. 2009	Temperature gradient effects on moisture transport in porous building materials	Article	11	1/01/08	Public
1.2. 2010	An optimal gain matrix for time delay feedback control	Paper	416	1/01/08	Public

Индивидуальные профили ученых

Профиль ученого содержит журнальные и книжные публикации, гранты, награды, проекты, библиометрические данные, CV и многое другое

The screenshot displays a user profile on the 'Pure' platform, specifically for Liza F White at the University of Europe. The interface is divided into several sections:

- Header:** Includes the 'Pure' logo, 'University of Europe', a search bar, and a 'User switch' button.
- Navigation:** A sidebar on the left lists various categories: Personal overview (selected), Research output, Activities, Press clippings, Impacts, Applications, Awards, Projects, and Datasets.
- Profile Information:** A central section for Liza F White, including her photo, contact details (Direct phone: +45 96 35 61 00, Email: lw.demo@atira.dk), and her current position at the Department of Statistics & Modelling Science.
- Research output:** A list of publications, including 'Objectivity in research support for government institutions: The questionable relationship between GRIs and their benefactors' and 'Response to drug treatment in newly diagnosed epilepsy: A pilot study of H-1 NMR- and MS-based metabolomic analysis'.
- Activities:** A list of professional activities, such as 'Premier Award' and 'Head of Society'.
- Applications:** A list of research applications, including 'Systems Analysis of TNF and TRAIL Signalling Pathways in Hepatocytes'.
- Projects:** A list of research projects, including '2011-DTG-Funding 3 Studentships' and 'Systems Analysis of TNF and TRAIL Signalling Pathways in Hepatocytes'.
- Press clippings:** A list of media mentions, including 'UK universities receive Gazelle award'.
- Awards:** A list of awards, including 'Systems Analysis of TNF and TRAIL Signalling Pathways in Hepatocytes'.
- Right Sidebar:** Contains a 'My messages' section with a 'Messages' button and a 'My history' section with a 'Response to drug treatment in newly diagnosed epilepsy: A pilot study of H-1 NMR- and MS-based metabolomic analysis' entry.

The URL at the bottom of the page is: <https://dev.atira.dk/pure417demo/admin/workspace/personal/overview/>

Импорт данных о публикациях ученого из разных внешних и внутренних источников

Choose submission

 Submission guide

 **Research output** >

Create from template

Import from online source

Import from file

 Activity

 Impact

 Application

 Award

 Project

Scopus

Scopus

Scopus, an abstract and citation database, covers 20,500 titles from more than 5,000 international publishers. It contains over 49 million records from peer-reviewed research literature in the scientific, technical, medical, social sciences, and arts and humanities fields.

WEB OF KNOWLEDGE™

Web of Science

Web of Science cover a wide range of databases, which together holds more than 40 million records. The subject areas are primarily within the scope of natural sciences, though social sciences and arts and humanities also are covered, in a lesser scale.

PubMed

PubMed

Contains more than 19 million records from MEDLINE and from medical scientific journals, dating back from 1948. PubMed contains links to full-texts, either from other databases or the journals' publishers. Content must be "E-pub ahead of print", before imported into Pure.



JournalTOC

JournalTOCs is a free collection of scholarly journals Tables of Contents (TOCs) from a more than 15.000 journals and 700 publishers. Covers a wide range of subjects. References can be fetched from these TOCs.

arXiv.org

ArXiv

arXiv is an open access database with full-text access and contains more than 650.000 e-prints. It covers the domains of physics, mathematics, computer science, quantitative biology, quantitative economy and statistics.



CrossRef

A system developed by publishers in 2000, to ease linking between references in fulltext documents in online scholarly literature, on the publishers' websites. CrossRef uses DOI to transmit link information.



WorldCat.org



SAO/NASA Astrophysics Data System

Автоматическое обновление данных

Регулярное обновление данных из различных онлайн источников, включая Scopus, Web of Science, PubMed, Mendeley, arXiv и др.

Id: 6853

 **Chris Robertson**
Person

EDIT

Metadata

Associated user

Automated search

OVERVIEW

Relations

Display

HISTORY AND COMMENTS

History and comments

Set up automated search for publications in online sources

The initial automated search will search for publications in the last 730 days. The consecutive searches will take place every 7 day. You can see your candidates on your overview page in the right column under your personal tasks and you can choose to have an e-mail when Pure finds candidates.

☐ Inform me by e-mail when candidates are found (cr.demo@atira.dk)

Select sources to search in...

☐ PubMed?

☐ ArXiv?

☒ Scopus?

Names to search for

 **C Robertson**

Edit name —

 **Christopher Robertson**

Edit name —

 **Chris Robertson**

Edit name —

Add name...

Preview candidates

☐ SAO/NASA Astrophysics Data System?

☐ Web of Science?

☐ Mendeley?

☐ Web of Science (lite)?

☐ EMBASE | Elsevier?

Last saved: 23/08/13 10:11

Save

Возможность создания единой записи о вашей публикации на основе различных источников

Candidate	Target	Candidate
Created: 30/07/2013 Creator: cr Id: 33984 UUID: ec7fa614-02f2-427d-8375-e91d2b09ae5c Source-ID:2-s2.0-67649846501 (Scopus)	Created: 30/07/2013 Creator: cr Id: 33984 UUID: ec7fa614-02f2-427d-8375-e91d2b09ae5c Source-ID:2-s2.0-67649846501 (Scopus) Source-ID:000267810100001 (WOS)	Created: 30/07/2013 Creator: cr Id: 34023 UUID: 22ce6ce0-4c5b-4e68-8b03-4dc9a3d138dd Source-ID:000267810100001 (WOS)
Title of the contribution in original language Measuring the effect of enhanced cleaning in a UK hospital ☒	Publication information Title of the contribution in original language Measuring the effect of enhanced cleaning in a UK hospital	Title of the contribution in original language ☐ Measuring the effect of enhanced cleaning in a UK hospital: a prospective cross-over study
Subtitle of the contribution in original language A prospective cross-over study ☒	Subtitle of the contribution in original language A prospective cross-over study	Subtitle of the contribution in original language ☐ No value
Authors S.J. Dancer, Author External person Hairmyres Hospital External organisation: Unknown Department of Microbiology, Southern General Hospital, Govan Road, Glasgow External organisation: External collaborations L.F. White (Liza F White), Author Internal person Department of Statistics & Modelling Science Organisation: Department J. Lamb, Author External person	Authors, Organisation, and Placement Authors S.J. Dancer, Author External person Hairmyres Hospital External organisation: Unknown Department of Microbiology, Southern General Hospital, Govan Road, Glasgow External organisation: External collaborations L.F. White (Liza F White), Author Internal person Department of Statistics & Modelling Science Organisation: Department J. Lamb, Author External person	Authors Stephanie J. Dancer, Author External person Hairmyres Hosp, Dept Microbiol External organisation: Unknown So Gen Hosp, University of Glasgow, Dept Microbiol External organisation: Unknown Liza F. White (Liza F White), Author Internal person Department of Statistics & Modelling Science Organisation: Department Jim Lamb, Author External person
Preview merge Merge		

Автоматическое создание CV ученого для заявки на грант и вывода на печать

My MRC CV

Properties

Download as PDF

Download to Word

Save

Chris Robertson

Department of Statistics & Modelling Science

E-mail: cr.demo@atira.dk

Phone: +45 96 35 61 00

Website: <http://atira.dk/en/>



Research output

Add section

► 1 new item(s) has been created since this list was saved. [Dismiss](#)

Hospitalisation for an alcohol-related cause among injecting drug users in Scotland: Increased risk following diagnosis with hepatitis C infection

McDonald, S. A., Hutchinson, S. J., Bird, S. M., Robertson, C., Mills, P. R., Dillon, J. F. & Goldberg, D. J. Jan 2011 In : International journal of drug policy. 22, 1, p. 63-69 7 p.

Research output: Contribution to journal > Article

Response to drug treatment in newly diagnosed epilepsy: A pilot study of H-1 NMR- and MS-based metabonomic analysis: a pilot study of (1)H NMR- and MS-based metabonomic analysis

Al Zweiri, M., Sills, G. J., Leach, J. P., Brodie, M. J., Robertson, C., Watson, D. G., Parkinson, J. A. & White, L. F. Feb 2010 In : Epilepsy research. 88, 2-3, p. 189-195 7 p.

Research output: Contribution to journal > Article

Hospitalization of hepatitis C-diagnosed individuals in Scotland for decompensated cirrhosis: a population-based record-linkage study

McDonald, S. A., Hutchinson, S. J., Bird, S. M., Mills, P. R., Robertson, C., Dillon, J. F., Williams, T. & Goldberg, D. J. Jan 2010 In : Addiction. 22, 1, p. 49-57 9 p.

Research output: Contribution to journal > Article

Hospitalisation of non-testing software developers for treatment of physical

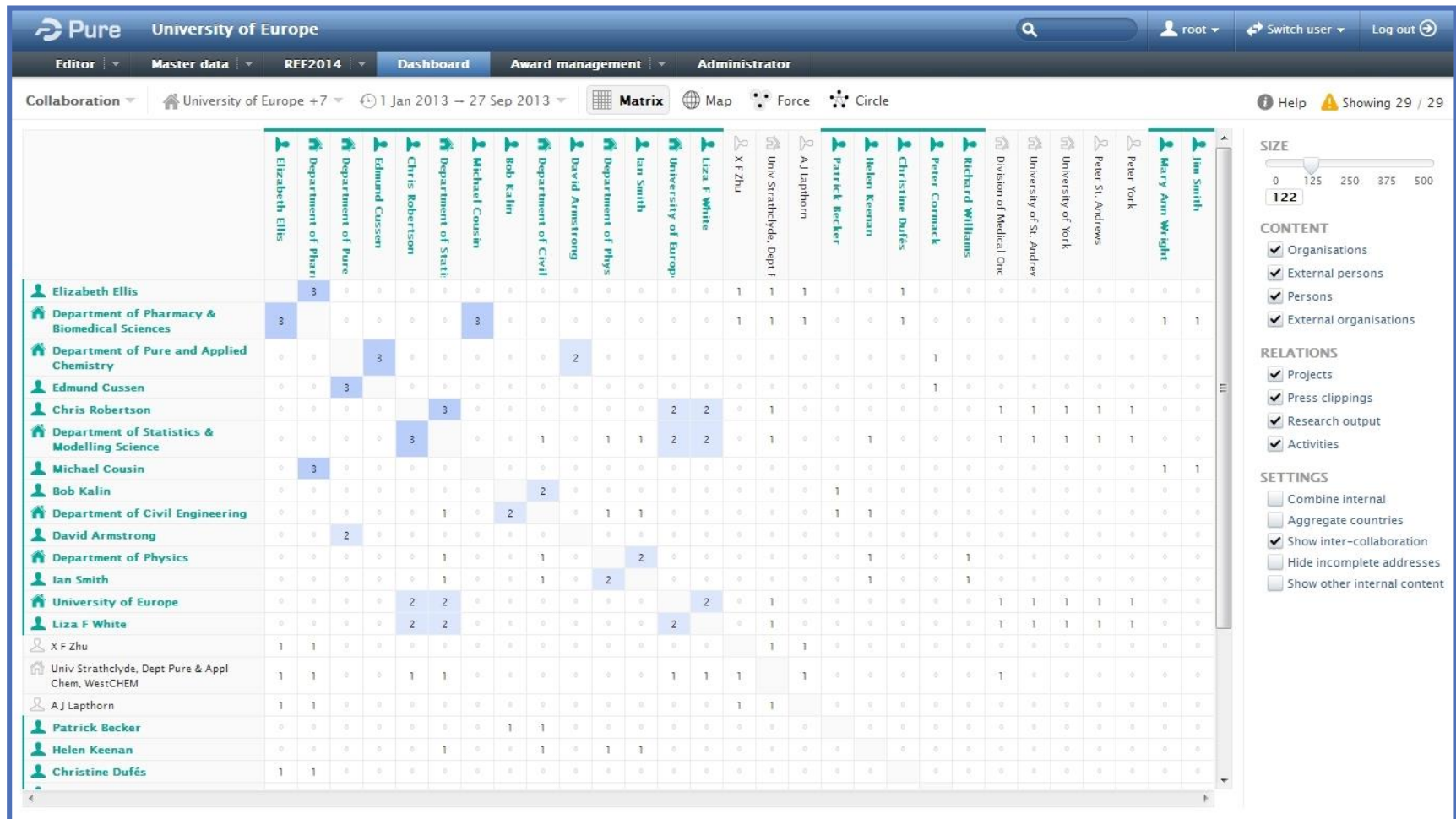
accidents

Взаимосвязи ученого

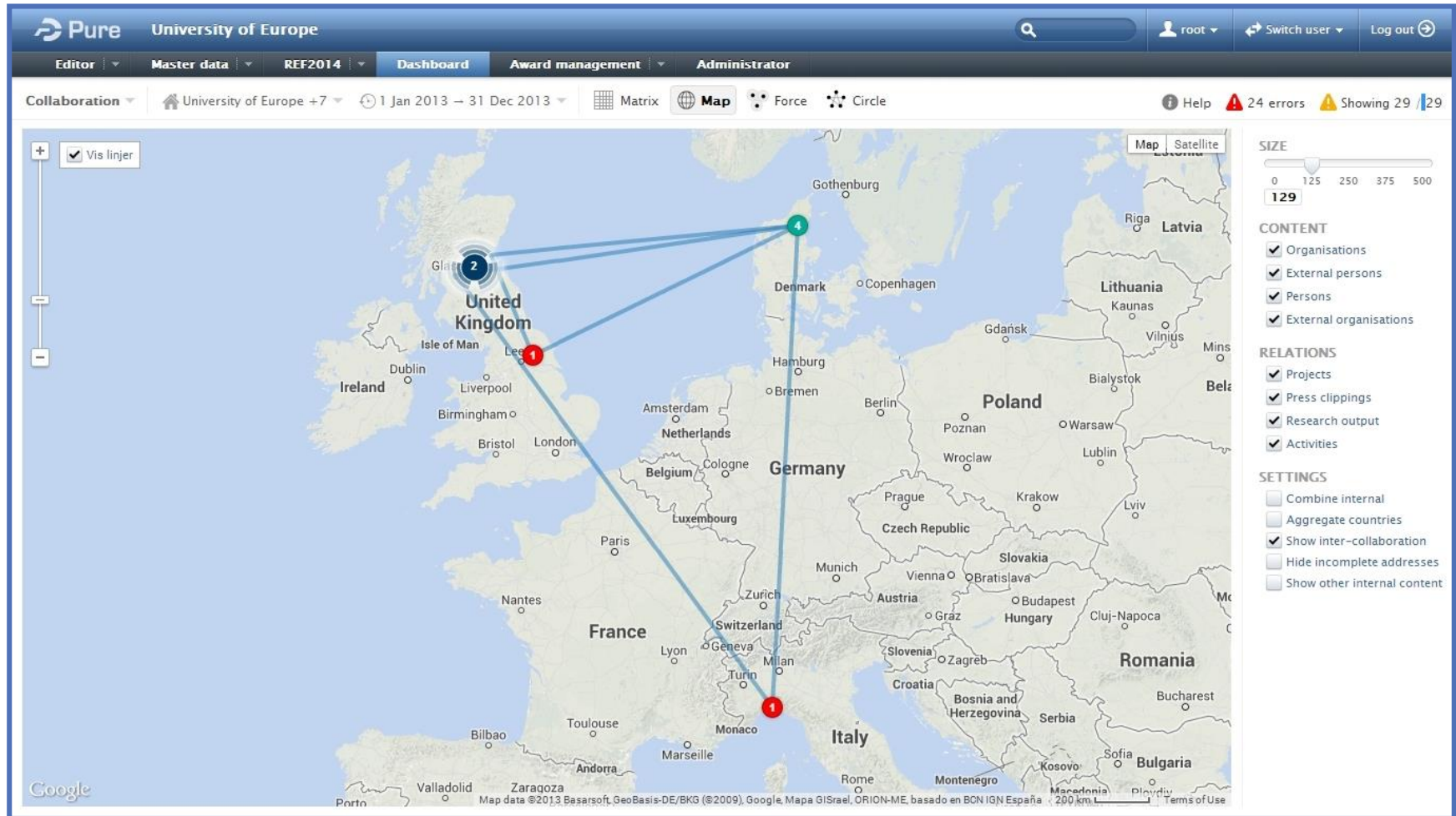
Визуализация взаимоотношений между учеными, организациями, полученными грантами, врученными наградами, публикациями и т.п.



Матричное представление коллабораций внутри организации



Графическое представление научных коллабораций



Управление и мониторинг полного цикла работы по полученным грантам

The screenshot displays the 'Pure' system interface for the University of Europe, specifically the 'Award management' section. The top navigation bar includes the 'Pure' logo, 'University of Europe', a search bar, and user controls for 'root', 'Switch user', and 'Log out'. Below this, a secondary navigation bar shows 'Editor', 'Master data', 'REF2014', 'Dashboard', 'Award management' (selected), and 'Administrator'.

The main content area is divided into two primary sections: 'Milestones' on the left and 'Projects' on the right.

Milestones Section:

- Missed:** A single entry for 'Yearly report, 2013' with a due date of '1 Jan' and a description 'Understanding the impact of the microvas...'. It is marked as missed with a red square icon.
- Upcoming:** A list of reports with due dates: 'Internal report, 2013' (31 Dec), 'Internal report, 2014' (31 Dec), 'Internal report, 2015' (1 Mar), 'Yearly report, 2014' (1 Jan), 'Yearly report, 2015' (1 Jan), and 'Yearly report, 2016' (1 Jan). Each entry includes a description 'Understanding the impact of the microvas...'.
- Completed:** A list of reports: 'Internal status report, 2012' (31 Dec), 'Internal status report 2011' (31 Dec), and 'Final report to funder' (1 Feb) with a description 'Systems Analysis of TNF and TRAIL Signalli...'. A link '3 more...' is provided at the bottom.

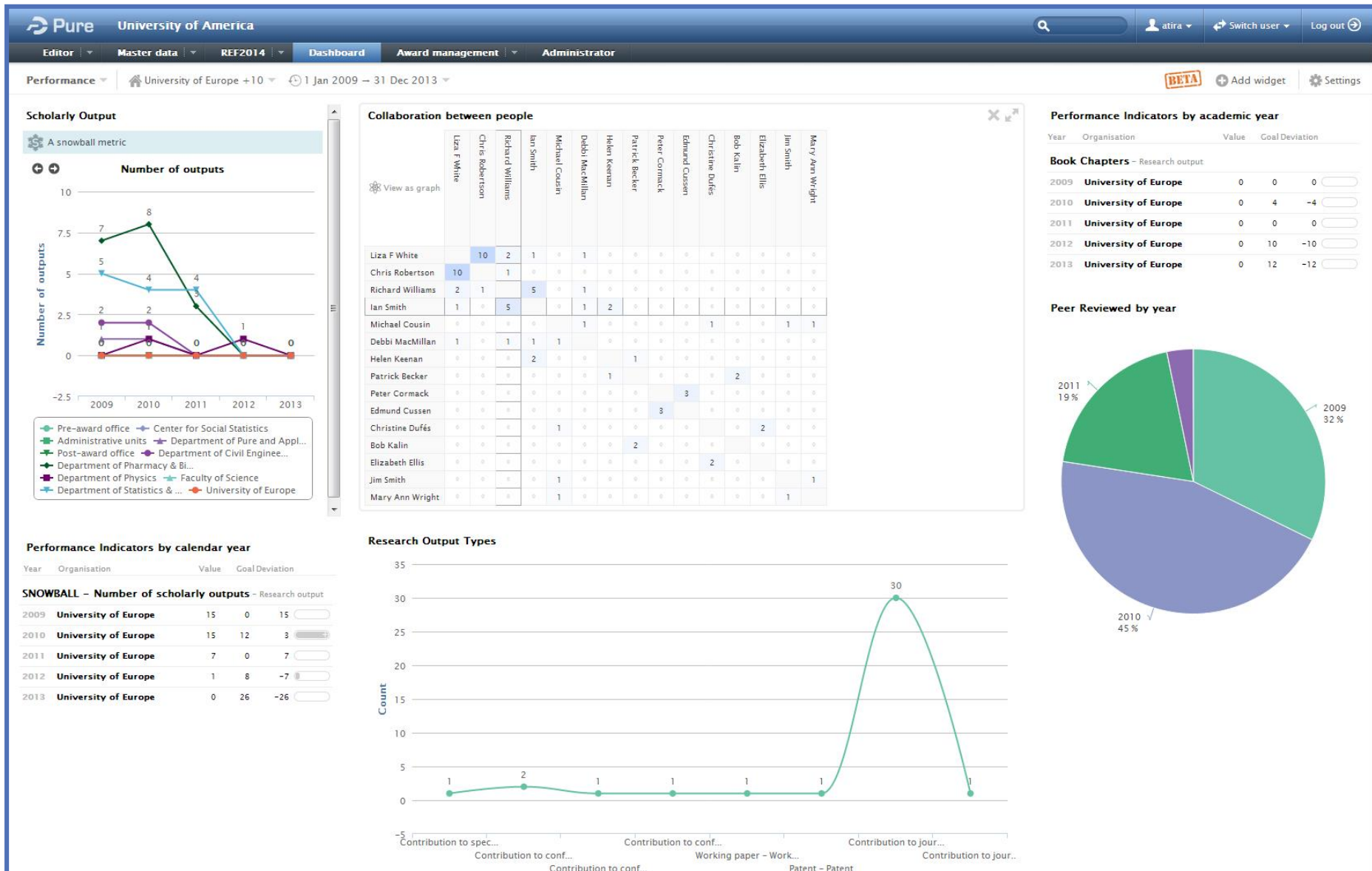
Projects Section:

The 'Projects' section features a 'Status' dropdown menu set to 'Running'. It lists four active projects, each with a title, project type, and key metrics:

- 2011-DTG-Funding 3 Studentships** (Project: Other): 3 Applications, 2 Awards, 5 Milestones, 4 Outcomes. Budgeted: 235,848 GBP; Spent: 202,524 GBP. 2,340 hours allocated; 813 used, 1,527 remaining.
- Computer to Clinic: Personalised Fluid-Mechanical Models Applied to Heart Failure** (Project: Research): Running. 2 Applications, 1 Award, Milestones, Outcomes. Budgeted: 557,098 GBP; Spent: 541,712 GBP. 5,000 hours allocated; 520 used, 4,480 remaining.
- Industrial Impact Fellowship in Drug Discovery** (Project: Research): Running. 1 Application, 1 Award, Milestones, 1 Outcome. Budgeted: 31,005 GBP; Spent: 35,916 GBP. 100 hours allocated; 128 used, 0 remaining.
- OSCAR – Oceanographic and Seismic Characterisation of heat dissipation and alteration by hydrothermal fluids at an Axial Ridge** (Project: Research): Running. 2 Applications, Awards, Milestones, Outcomes.

On the far right, a vertical sidebar contains a green '+' button, an envelope icon, and a '0' indicator.

Сбор аналитических данных по всем аспектам исследовательской работы организации



Автоматическая подготовка кастомизированных отчетов

Choose a content type

EDITORIAL

Activities

Applications / Funding C

Impacts

Press clippings

Projects C

Funded Projects

Non-funded Projects

Research output

Student theses

REF2014

REF1a/c (Staff REF2014) C

REF1b (ISC REF2014)

REF2 (Outputs REF2014)

REF3a (Impact template)

REF3b (Impact case study)

REF5 (Environment template)

Units of assessment C

MASTER DATA

Equipment/facilities

Events

External organisations

Matrix (analysis)

Organisation	2005	2006	2007	2008	2009	2010
Faculty Of Science	386	350	339	817	784	125
Faculty Of Engineering	311	376	331	663	712	231
Professional Services	69	73	63	39	49	12
Faculty Of Law, Arts And Social Sciences	134	119	100	202	216	164
Faculty Of	78	70	104	198	274	89

Combined content

	Articles	Chapter in book	Activities	Awards
	Count	Count	Count	Total awards
Aerospace Engineering	807	259	38	28,126,112
Pharmacology	82	3	0	n/a
Mathematics	93	10	0	n/a
Institute Of Photonics	395	50	90	21,003,25
Bioscience	5	0	0	n/a
Pure Chemistry	1624	56	509	42,114,68
Pharmaceutical Sciences	53	1	0	n/a
Chemical Engineering	388	27	110	6,552,38
Information Sciences	374	121	80	5,226,28

Table (analysis)

Organisation	Author's gender	Research output year	Count
Faculty Of Science	Female	2008	291
		2009	265
	Male	2008	702
		2009	647
Faculty Of Engineering	Female	2008	165
		2009	
		2010	

Chart (analysis)

Scheduled execution

Interval
Quarterly ▼

Language
English ▼

Output format

PDF

Word

Excel

HTML

Recipient email addresses
cd.james@elsevier.com

Ok

Table

Title	Type	pages
RAG Test	Article	n/a
An experimental and finite element study of the low-cycle fatigue failure of a galvanised steel lightning column	Paper	n/a
Temperature gradient effects on moisture transport in porous building materials	Article	11
An optimal gains matrix for time-delay feedback control	Paper	n/a

Raw data spreadsheet

Внешний портал экспертов организации в PURE

Pure Experts Portal

[Home](#) [Experts](#) [Research outputs](#) [Research units](#) [Journals](#)

Elizabeth Ellis

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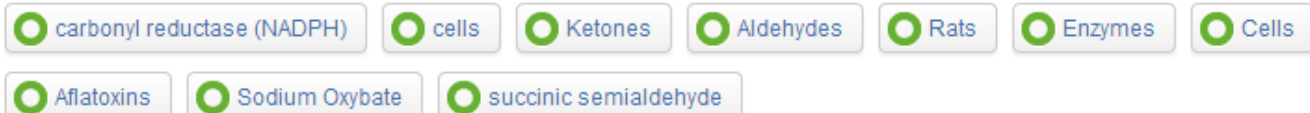
Summary

Research outputs (1979 - 2013)	14
Co-author Network	26
Institutional Network	7

Research interests

Clinical pharmacokinetics, population pharmacokinetics, drug dosage regimen design.

Fingerprint



Full Fingerprint

Expert Overview

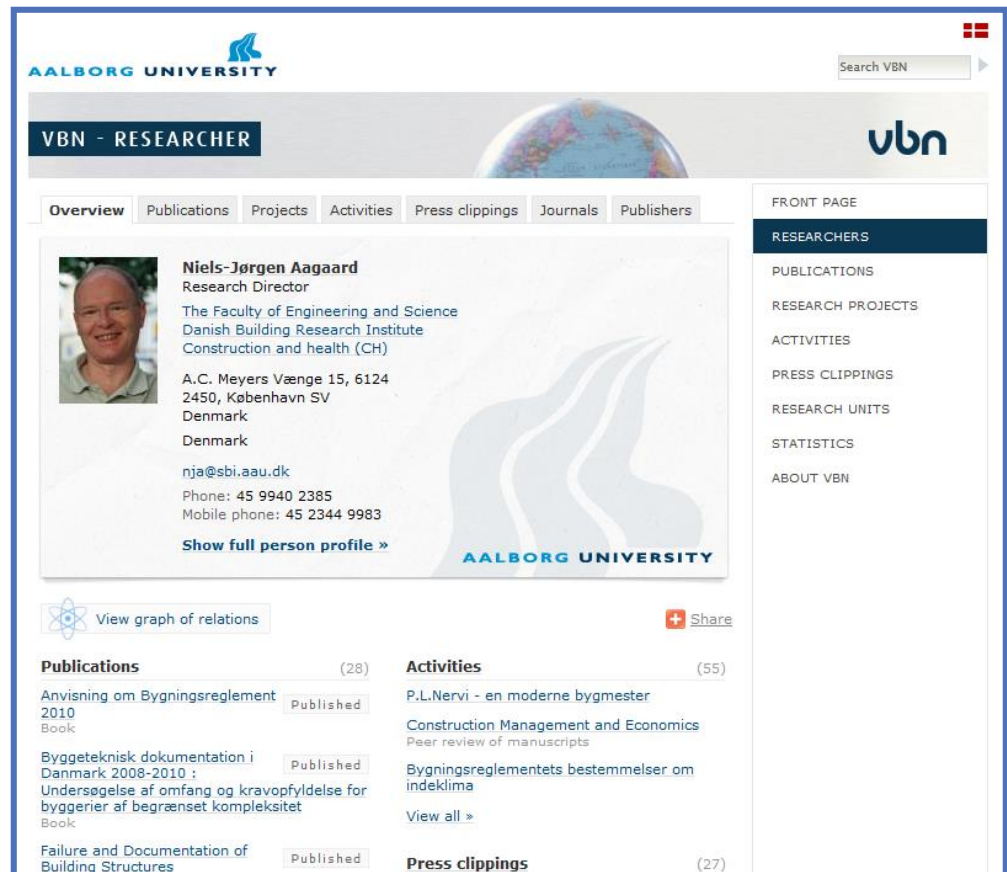
[Fingerprint](#)[Research outputs](#)[Journals](#)[Institutional Network](#)[Co-author Network](#)

Внешние пользователи смогут легко найти специалистов для дальнейшей совместной работы

[Niels-Jørgen Aagaard - Research - Aalborg University](#)

[vbn.aau.dk/.../nielsjoergen-aagaard\(6fa2b0f0-4be4-44...](http://vbn.aau.dk/.../nielsjoergen-aagaard(6fa2b0f0-4be4-44...) ▼ T

Niels-Jørgen Aagaard. Research Director. The Faculty of Engineering
Danish Building Research Institute - Construction and health (CH).



Пример экспертного портала – поиск специалиста по нанотехнологии

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Institutional Network

Coauthor Network

Research Network

Curriculum Vitae

Carbon nanofibers

carbon

Nanofibers

Plasma enhanced chemical vapor d...

synthesis

Plasma deposition

Nanostructured materials

Catalysts

Carbon nanotubes

field emission

Explore the Fingerprint Trends

Research Network

Explore the Expert Network

Publications

1.

2013

Mehmet F. Sarac; Bryan D. Anderson; Ryan C. Pearce; Justin G. Railsback; Adedapo A. Oni; Ryan M. White; Dale K. Hensley; James M. Lebeau; Anatoli V. Melechko; Joseph B. Tracy
Airbrushed nickel nanoparticles for large-area growth of vertically aligned carbon nanofibers on metal (Al, Cu, Ti) surfaces
ACS Applied Materials and Interfaces. 2013;5(18):8955-8960.

2.

2013

Ryan C. Pearce; Justin G. Railsback; Bryan D. Anderson; Mehmet F. Sarac; Timothy E. McKnight; Joseph B. Tracy; Anatoli V. Melechko
Transfer of vertically aligned carbon nanofibers to polydimethylsiloxane (PDMS) while maintaining their alignment and impalefection functionality
ACS Applied Materials and Interfaces. 2013;5(3):878-882.

3.

2012

Justin G. Railsback; Abhishek Singh; Ryan C. Pearce; Timothy E. McKnight; Ramón Collazo; Zlatko Sitar; Yaroslava G. Yingling; Anatoli V. Melechko
Weakly charged cationic nanoparticles induce DNA bending and strand separation
Advanced Materials. 2012;24(31):4261-4265.

Similar Experts

	Publications
Yuntian T Zhu	345
Jie Liu	228
Marc Deshusses	125
Stefano Curtarolo	82
Hongguo Zhang	47

Journals

	Publications
Applied Physics Letters	11
Nanotechnology	10
Journal of Applied Phy...	7
2003 Nanotechnology ...	6
Journal of Physical Ch...	5

Anatoli V Melechko

Organizations

North Carolina State University
College of Engineering
Materials Science & Engineering

Contact this expert

Тренды исследовательской деятельности эксперта

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Anatoli V Melechko

Organizations

North Carolina State University

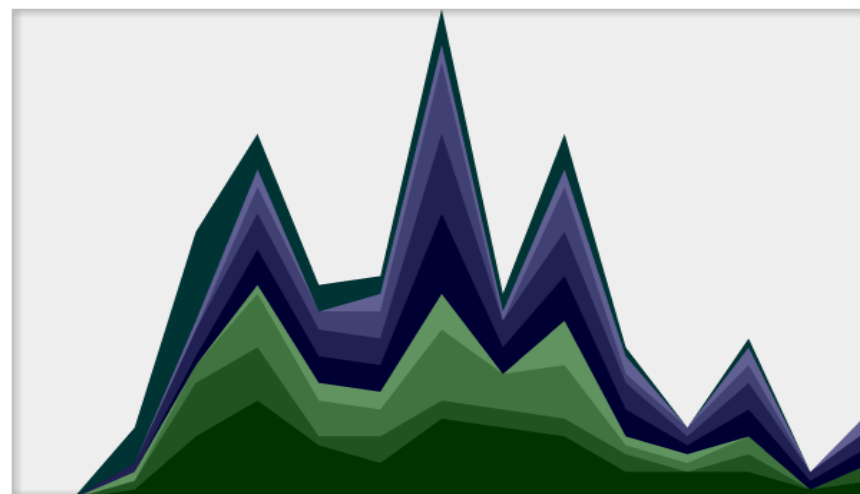
College of Engineering

Materials Science & Engineering



Fingerprint Trends

Research concepts that have been most significantly present over this researcher's career are represented below. The height of the line equals the number of publications including the concept for a particular year, so increases or decreases can be seen by topic over time. You may add and remove concepts using the checkboxes below or adjust the time period included by dragging the handles left and right. This visualization is based on Scopus and manually entered publications.



1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013

Timeline Filter

1999

2013

- ☒ Carbon nanofibers
- ☒ Plasma enhanced chemical vapor
- ☒ Nanofibers
- ☒ Nanostructured materials

- ☒ Carbon nanofibers
- ☒ Carbon
- ☒ Nanofibers
- ☒ Plasma enhanced chemical vapor

Chemistry and Materials

- ☒ carbon

Научное взаимодействие эксперта

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Materials Science & Engineering

SciVal

Experts

Research Network

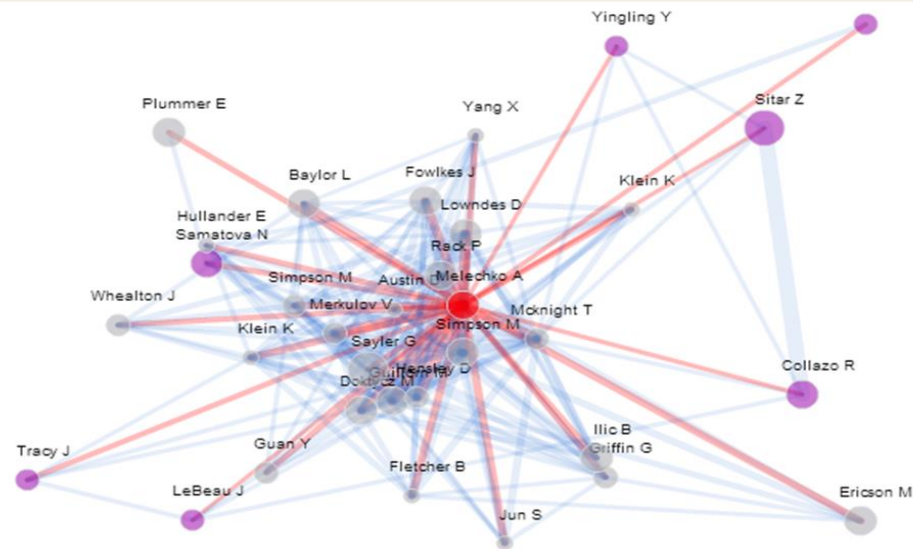
 showing 33 out of 135 Profiled & Non-Profiled CoauthorsYear range to Show thicker:
more publications larger:
more publications

Profiled collaborator

Profiled researcher

Non-Profiled collaborator

The visualization below creates a map of the connections between this researcher and their collaborators. The circles represent individual researchers and the lines connecting them represent papers that they have published together. The size of each indicates the number of publications: a larger line – more collaborations; a larger circle – more publications. The visualization continues to move because it is a force-directed graph.



Основные группы пользователей Pure

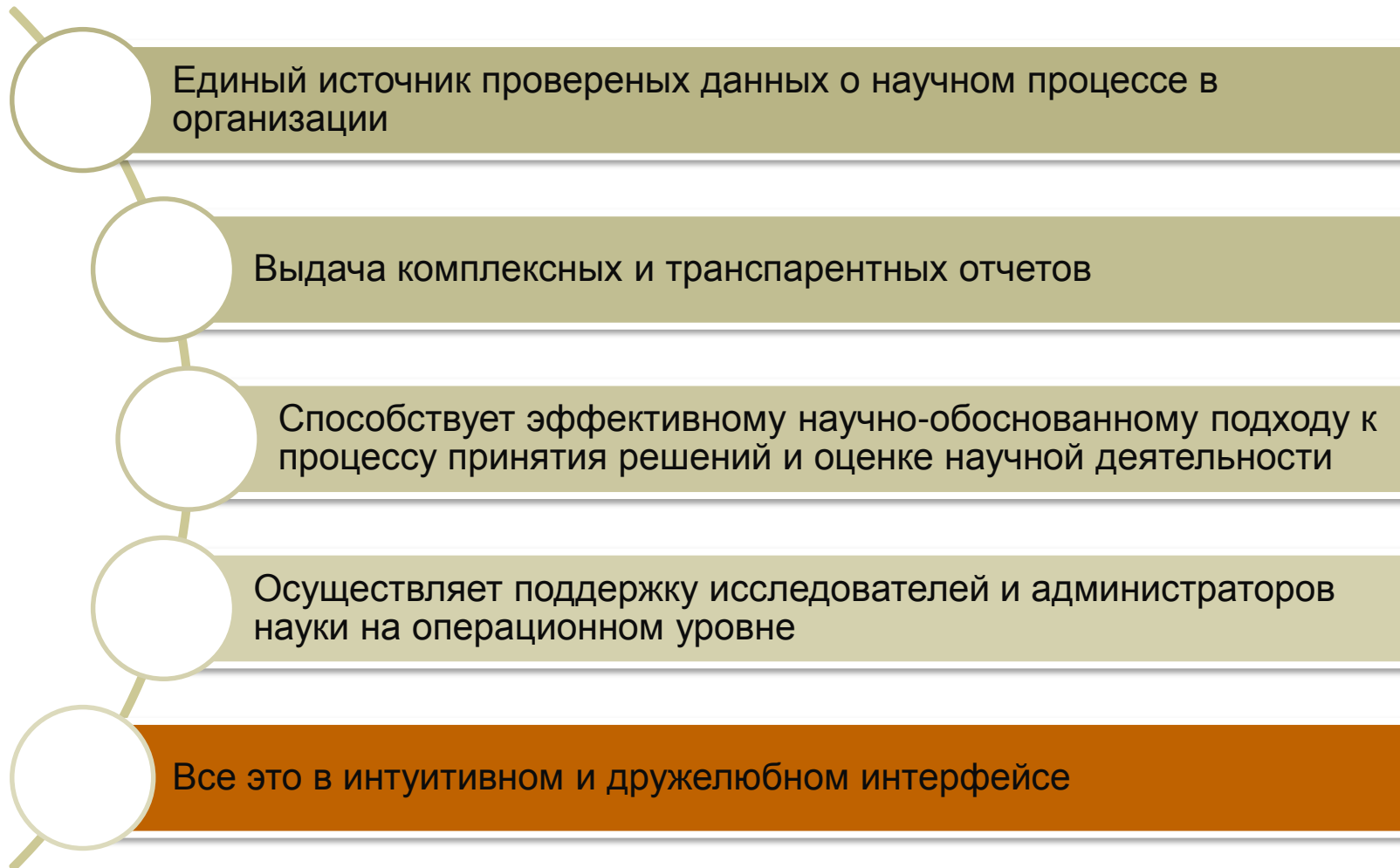
Pure позволяет администраторам науки:

- **Проводить мониторинг и управление всем жизненным циклом исследований**, от получения грантов и практического осуществления, до получения наград и смежных проектов
- **Устанавливать цели выполнения** проектов с помощью настраиваемых показателей и отслеживать прогресс их выполнения
- **Просматривать аналитику высокого уровня** или перейти к детальным данным по отдельным исследователям или проектам
- **Создавать и распространять отчеты** по любым данным Pure в режиме реального времени
- Поддержка национальных систем оценки научных исследований (EuroCRIS, REF2014 и т.п.)

Pure позволяет ученым:

- **Легко управлять своими авторскими профилями и резюме** с помощью автоматического добавления публикаций, а также предоставлять их как дополнение к заявке на грант
- **Повышать свою персональную видимость**, автоматически публикуя свои достижения онлайн
- **Создавать отчеты о своей деятельности** для продвижения по службе и для заявок на доп. финансирование
- **Автоматическое заполнение институционального репозитория** данными из персонального профиля (например **DSpace**, ePrints, FEDORA, Equella и др.)

Система Pure





Система Pure в России

Исследовательская деятельность УрФУ теперь под мировым контролем



Система Pure поможет повысить эффективность управления научными исследованиями в университете, считает Виктор Кокшаров. Фото: Илья Сафаров

эффективность управления научными исследованиями в университете», - считает ректор университета Виктор Кокшаров.

Компания Elsevier и Уральский федеральный университет подписали первое в России соглашение о предоставлении доступа к системе Pure. Эта система позволит руководству университета сделать более «прозрачными» процесс и результаты исследовательской деятельности.

В последние годы УрФУ, как один из ведущих российских университетов, предпринимает значительные усилия по расширению исследовательской деятельности. Университет повышает качество и количество научных разработок, что способствует повышению позиций в международных научных рейтингах.

«Информационно-аналитическая система позволит УрФУ представить информацию о своих научных результатах мировому научному сообществу в соответствии с международными стандартами.

Информация, собираемая в централизованную систему, повысит эффективность управления научными исследованиями в университете», - считает ректор университета Виктор Кокшаров.

Теперь система Pure от ведущего мирового поставщика научных, технических и медицинских информационных продуктов и услуг Elsevier позволит ученым и руководству университета в течение пяти лет контролировать вопросы финансирования исследований, оценивать и повышать качество научных разработок.

Elsevier Research Intelligence

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