DSpace Anwendertreffen 21.09.2017, Stuttgart

Topic: DSpace-CRIS

Presentation by
Fraunhofer-Informationszentrum Raum und Bau IRB and
4Science S.r.l.

Part 1: DSpace-CRIS overview

- What is DSpace-CRIS
- DSpace-CRIS use cases
- New features in DSpace-CRIS 6.1
- DSpace and DSpace-CRIS
- Outlook

Part 2: DSpace-CRIS @ Fraunhofer

- Fraunhofer in a nutshell
- Science indicators @ Fraunhofer
- Why DSpace-CRIS?
- Implementation in a nutshell
- Pains & gains
- Outlook

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manage it, preserve it, share it. Now.

DSpace-CRIS Overview
An extended data model for research output
DSpace Anwendertreffen 2017, Stuttgart 21st Sept. 2017

Susanna Mornati & Andrea Bollini, www.4science.it

DSpace and "extended" DSpace

- DSpace is the most popular free open source Digital Asset Management System in the world, used for Institutional Repositories to manage publications…

- …but more and more HE and Research Institutions are asking for Research Information & Data Management tools

- Why not using an "extended" version of DSpace to meet these two relevant needs?

DSpace-CRIS: what?

- In 2009, the team now at 4Science led by Susanna Mornati and Andrea Bollini, together with the team at Hong Kong University led by David T. Palmer, created DSpace-CRIS

- https://wiki.duraspace.org/display/DSPACECRIS/DSpace-CRIS+Home (documentation)

- DSpace-CRIS is an "extended" version of DSpace, with a powerful and flexible data model to describe not just publications, but all the entities that populate the research environment and their meaningful links

- https://dspace-cris.4science.it/ (demo)

An integrated view of the research ecosystem
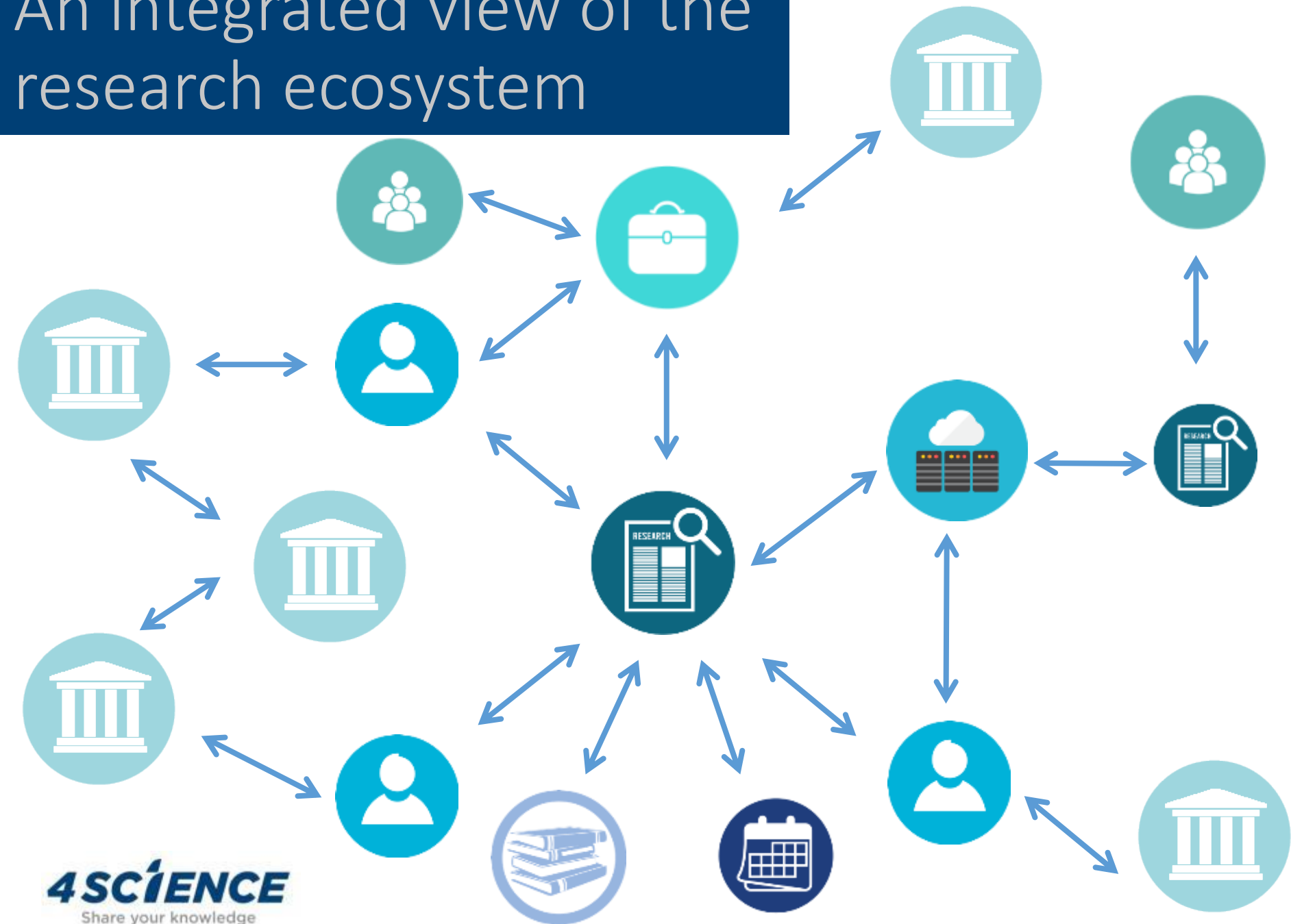
DSpace-CRIS: why?

- Buying a commercial platform to manage Research Information (a CRIS or RIMS) is expensive and binds your institutions to a proprietary system

- DSpace-CRIS is free, open source, compliant with open standards, and provides your institution with a sustainable and effective tool to manage research information such as researchers' profiles, department pages, project grants & awards, research outputs, metrics, reports and statistics

DSpace-CRIS: make it beautiful

- State-of-art technology for your UI (next: version 7 with AngularJS UI)

- Adaptive, responsive

- Icons for intuitive exploration

- Widgets for most viewed, most cited, etc.

DSpace-CRIS use cases: an item

Title:	A strong regioregularity effect in self-organizing conjugated polymer films and high-efficiency polythiophene: fullerene solar cells
Authors:	Choulis, Stelios A. 👤 Kim, Youngkyoo 👤 Cook, Steffan 👤
Keywords:	Polymers Fullerenes Nanostructured materials Plastic films Solar cells
Issue Date:	2006
Publisher:	Nature
Source:	Nature materials, 2006, Volume 5, Issue 3, Pages 197-203
Abstract:	The influence of polymer regioregularity (RR) on the molecular nanostructure, and on the resulting material properties and device performance was analyzed. Annealed blend films show increased α regardless of RR, that indicates improved charge-carrier diffusion. It was found that the highest device efficiencies will be achieved with the highest RR P3HT. It was also found that the dark-current density of as-fabricated devices made with pristine P3HT increases with the RR of P3HT in the higher voltage regime
URI:	http://ktisis.cut.ac.cy/handle/10488/7613
ISSN:	1476-1122 (print) 1476-4660 (online)
DOI:	10.1038/nmat1574

SCOPUS™ Citations ①
1,805 ℹ
checked on Apr 8, 2017

WEB OF SCIENCE™ Citations ①
1,759 ℹ
checked on May 11, 2017

Page view(s) ①
234 ℹ
Last Week   Last month
11   50
checked on Jun 12, 2017

Google Scholar™
Check

Altmetric

DSpace-CRIS use cases: a researcher

Kalogirou, Soteris A

@ Network Lab | Lul View Statistics | 🔔 Email Alert | 🔊 RSS Feed | 👤 Claim profile

Profile | Bibliometrics | Publications | Projects

Profile

Full Name	Kalogirou, Soteris A. **Greek Name**	Καλογήρου, Σωτήρης

Department Department of Mechanical Engineering and Materials Science and Engineering

Faculty Faculty of Engineering and Technology

Email soteris.kalogirou@cut.ac.cy

ORCID 0000-0002-3654-1437 **Scopus Author ID** 7005998383 **Researcher ID** D-3883-2015 [R]

Biography

Soteris Kalogirou was born in Trachonas, which is a suburb of Nicosia. He is married and has two children. He received his first Degree in Mechanical Engineering from the Higher Technical Institute (1982) his Master of Philosophy (M.Phil) in Mechanical Engineering from the Polytechnic of Wales (1991) and his Ph.D in Mechanical Engineering from the University of Glamorgan, UK (1995). In June 2011 he was awarded from the University of Glamorgan, UK the title of D.Sc. He was employed as a Building Services Consultant by the firm Intersol Engineering from 1982-1987, and in various positions in the Mechanical Engineering and Engineering Practice Departments of the Higher Technical Institute from 1987 to 2007. In 2008 he was transferred to the Cyprus University of Technology and now he is a Senior Lecturer in Mechanical Engineering. He is considered internationally as an expert in the field of solar thermal collectors and to the use of artificial intelligence techniques for the performance prediction of energy and renewable energy systems. He is member of CIBSE (Chartered Institution of Building Services Engineers),

DSpace-CRIS use cases: metrics

Ktisis at Cyprus University of Technology

Kalogirou, Soteris A.

⊕ Network Lab |.lil View Statistics   🔔 Email Alert   🔊 RSS Feed   👤 Claim profile

Profile   **Bibliometrics**   Publications   Projects

Bibliometrics

Total Citations SCOPUS™ ①	Works indexed in SCOPUS™ ①
7,072	**89**
checked on Jun 13, 2017	checked on Jun 13, 2017

Total Citations WEB OF SCIENCE™ ①	Works indexed in WEB OF SCIENCE™ ①
6,455	**113**
checked on Jun 13, 2017	checked on Jun 13, 2017

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DSpace-CRIS use cases: publications

Kalogirou, Soteris A.

Network Lab   View Statistics   Email Alert   RSS Feed   **Claim profile**

Profile   Bibliometrics   **Publications**   Projects

Publications (Articles)▾   Show/Hide filters ❯

Results 1-20 of 133 (Search time: 0.044 seconds).

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | → |

○ Refman ○ EndNote ● Bibtex ○ RefWorks ○ Excel ○ CSV ☐ Send via email   Export

		Issue Date ⬍	Title ▲	Author(s)
☐	1	2012	A detailed thermal model of a parabolic trough collector receiver	*Kalogirou, Soteris A.* 👤
☐	2	2005	A new approach using artificial neural networks for determination of the thermodynamic properties of fluid couples	*Sencan, Arzu* 👤*; Kalogirou, Soteris A.* 👤
☐	3	2011	A note from the Editors of Energy	*Wang, Ruzhu* 👤*; Lund, Henrik* 👤*; Kalogirou, Soteris A.* 👤
☐	4	1999	A thermal model for reptiles and pelycosaurs	*Florides, Georgios A.* 👤*; Wrobel, L. C.* 👤*; Kalogirou, Soteris A.* 👤*; Tassou, Savvas A.* 👤*; Florides, Georgios A.* 👤*; Wrobel, L. C.* 👤*; Kalogirou, Soteris A.* 👤*; Tassou, Savvas A.* 👤
☐	5	2006	An adaptive wavelet-network model for forecasting daily total solar-radiation	*Mellit, Adel* 👤*; Benghanem, Mohamed S.* 👤*; Kalogirou, Soteris A.* 👤*; Mellit, Adel* 👤*; Benghanem, Mohamed S.* 👤*; Kalogirou, Soteris A.* 👤
☐	6	2011	ANFIS-based modelling for photovoltaic power supply system: a case study	*Mellit, Adel* 👤*; Kalogirou, Soteris A.* 👤*; Mellit, Adel* 👤

DSpace-CRIS use cases: network
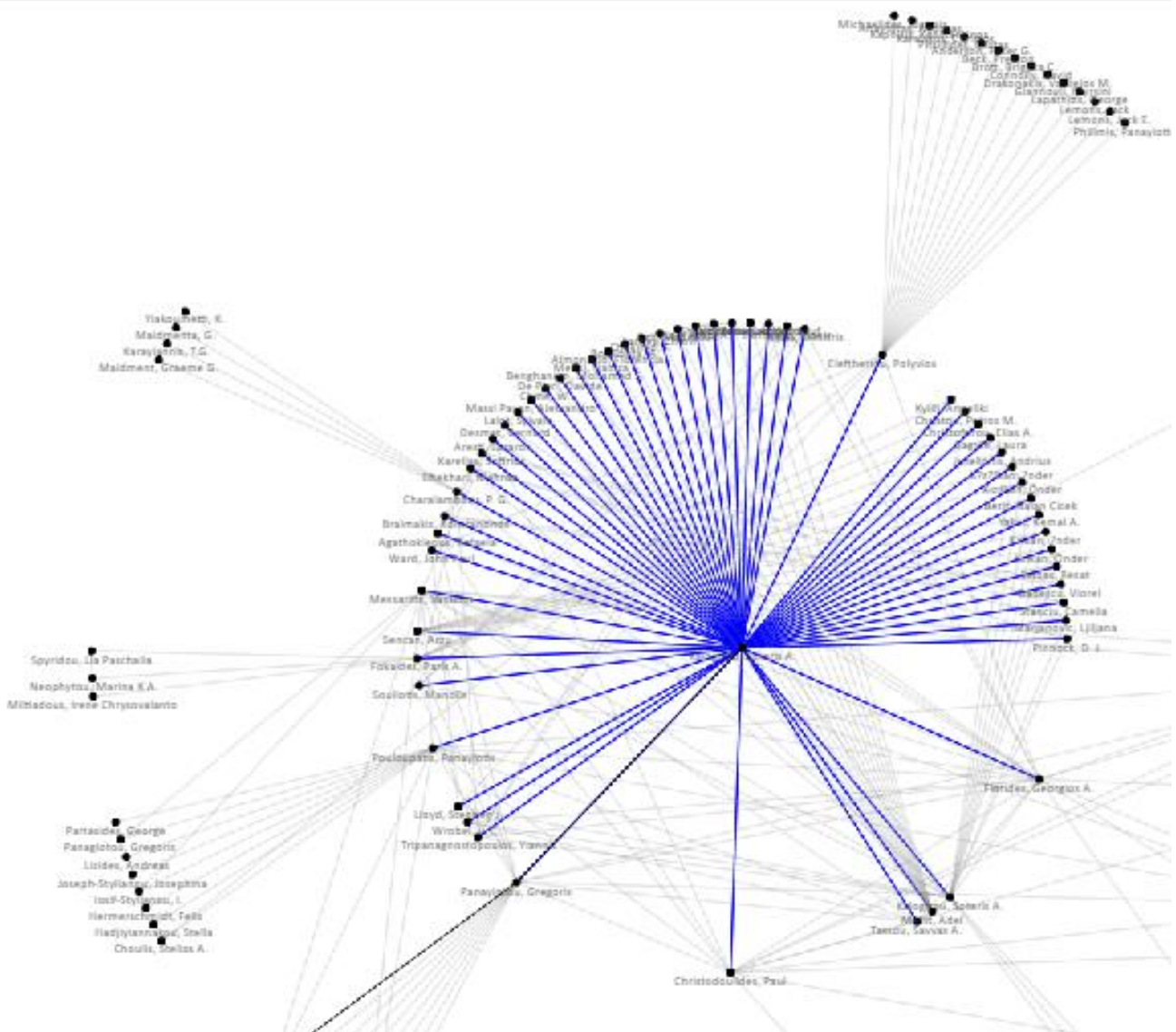
DSpace-CRIS use cases: statistics

DSpace-CRIS use cases: a department

Department of Mechanical Engineering and Materials Science and Engineering

📊 View Statistics   🔔 Email Alert   📶 RSS Feed

Informations   Publications   **Peoples**
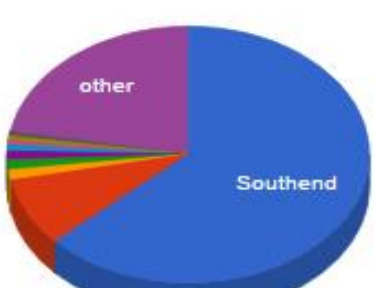
OrgUnit's Researchers (Persons)   Show/Hide filters ⌄

Results 1-5 of 39 (Search time: 0.001 seconds).

1 2 3 4 5 6 7 8 →

Fullname ▲	Greek Name	Department
Anayiotos, Andreas	Αναγιωτός, Ανδρέας	Department of Mechanical Engineering and Materials Science and Engineering
Angeli, Ioannis	Αγγελή, Ιωάννης	Department of Mechanical Engineering and Materials Science and Engineering
Aristokleous, Nicolas	Αριστοκλέους, Νικόλας	Department of Mechanical Engineering and Materials Science and Engineering
Burgués-Ceballos, Ignasi		Department of Mechanical Engineering and Materials Science and Engineering
Chochos, Christos L.	Χώχος, Χρίστος	Department of Mechanical Engineering and Materials Science and Engineering

1 2 3 4 5 6 7 8 →

DSpace-CRIS use cases: a department

Department of Mechanical Engineering and Materials Science and Engineering

📊 View Statistics 🔔 Email Alert 📶 RSS Feed

Informations | **Publications** | Peoples

OrgUnit's Researchers publications (Dept/Workgroup Publication)   Show/Hide filters ≫

Results 1-20 of 350 (Search time: 0.001 seconds).

1 2 3 4 5 6 7 8 9 10 →

○ Refman ○ EndNote ⦿ Bibtex ○ RefWorks ☐ Send via email Export

☐		Issue Date ⬍	Title	Author(s)
☐	1	2012	2-(2,3,4,5,6-Pentafluorophenyl)-1H-benzo[d]imidazole, a fluorine-rich building block for the preparation of conjugated polymer donors for organic solar cell applications	*Chochos, Christos L.* 👤; *Choulis, Stelios A.* 👤; *Ioannou, Theodosia A.* 👤; *Ioannidou, Heraklidia A.* 👤; *Economopoulos, Solon P.* 👤; *Koutentis, Panayiotis A.* 👤; *Itskos, Grigorios* 👤; *Neophytou, Marios* 👤
☐	2	14-Mar-2015	4H-1,2,6-Thiadiazin-4-one-containing small molecule donors and additive effects on their performance in solution-processed organic solar cells	*Hermerschmidt, Felix* 👤; *Kalogirou, Andreas* 👤; *Min, Jie* 👤; *Zissimou, Georgia A.* 👤; *Tuladhar, Sachetan M.* 👤; *Ameri, Tayebeh* 👤; *Faber, Hendrik A.* 👤; *Itskos, Grigorios* 👤; *Choulis, Stelios A.* 👤; *Anthopoulos, Thomas D.* 👤; *Bradley, Donal D.C.* 👤; *Nelson, Jenny M.* 👤; *Brabec, Christoph J.* 👤; *Koutentis, Panayiotis A.* 👤
☐	3	2012	A detailed thermal model of a parabolic trough collector receiver	*Kalogirou, Soteris A.* 👤

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DSpace-CRIS: interoperability

- Save your researcher's time and provide records from ORCiD, PubMed, PubMed Europe, Scopus, WebOfScience, ArXiv, CrossRef and more… also as automatic feeds

- Import information from master legacy systems such as HR, export information to your data warehouse or your analytics solution, integrate your DSpace-CRIS with the institutional Identity Management system to control authentication and authorization, and so on…

- Import bibliometric information automatically from Scopus and Web of Science or from any other sources using spreadsheets

New features in DSpace-CRIS 6.2 [& 5.8]

- **ORCID APIs (version 2)**: integrated authentication, claim profile, exchange of data (push and pull for profiles, publications, projects)

- **CKAN integration**: an extensible viewer framework to offer data discovery, exploration, preview, sampling and visualization within the repository

- **Signposting** is an approach to make the scholarly web more friendly to machines, exposing relations as Typed Links in HTTP Link headers

- **CORE Recommender** for items, a plugin to suggest similar articles in a database of 75 million records

- Connection to VIAF records and Getty Vocabularies

- 4Science **add-ons**: IIIF Image Viewer, Document viewer, OCR transcription, audio/video streaming

DSpace-CRIS: how?

- Every institution can upgrade their DSpace installation to DSpace-CRIS, extending the management of research publications by creating new entities such as Researchers and Projects

- Your publications will be safely managed as before, adding the advantage of linking them to relevant information such as authors, datasets, projects, metrics, networks, statistics and much more

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DSpace-CRIS in a nutshell

Version 5.8 & 6.2 available on GitHub

More than 80 DSpace-CRIS installations worldwide:
Asia | North America | South America | Europe | Australia | Africa

The only open-source CRIS, maintained in the context of
a vast and authoritative worldwide community.

Documentation and software available on the DSpace Wiki:

https://wiki.duraspace.org/display/DSPACECRIS/DSpace-CRIS+Home

4Science: a DSpace Registered Service Provider, with two DSpace Committers, the Lead of the REST API sub-team for DSpace 7, and a member in the Steering Group

A **longtime commitment** in open source, open standards, interoperability, contributing to the most relevant international communities (CERIF TG at euroCRIS, Next Generation Repositories at COAR, etc.)

Thanks for your attention!

Where to find us next?

Biredial-Istec
Buenos Aires
2-4 Oct

euroCRIS
Fall Meeting
Bratislava
(Slovakia)
20-22 Nov

And more to come!

OR 2018
Bozeman
(Montana, USA)
4-7 June

CRIS 2018
Umeå
(Sweden)
June

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linkedin: susannamornati

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skype: a.bollini

linkedin: andreabollini

orcid: 0000-0002-9029-1854

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Fraunhofer-FIS Implementing DSpace-CRIS

Ulrike Küsters, Michael Erndt

CC Research Services & Open Science, Fraunhofer IRB

DSpace Anwendertreffen (Stuttgart, 21.09.2017)
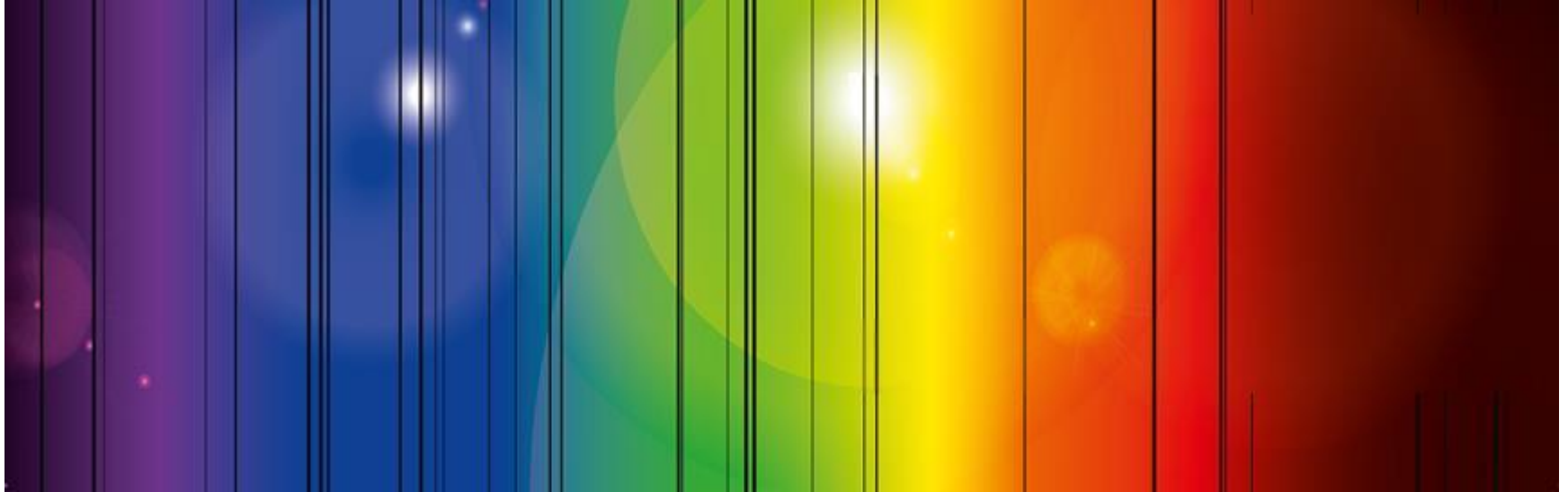
Fraunhofer - Who we are –
Joseph von Fraunhofer (1787 – 1826)

Researcher
Discovery of "Fraunhofer Lines"
and fundamentals in optics

Inventor
New methods of lens processing

Entrepreneur
Head of royal glass factory
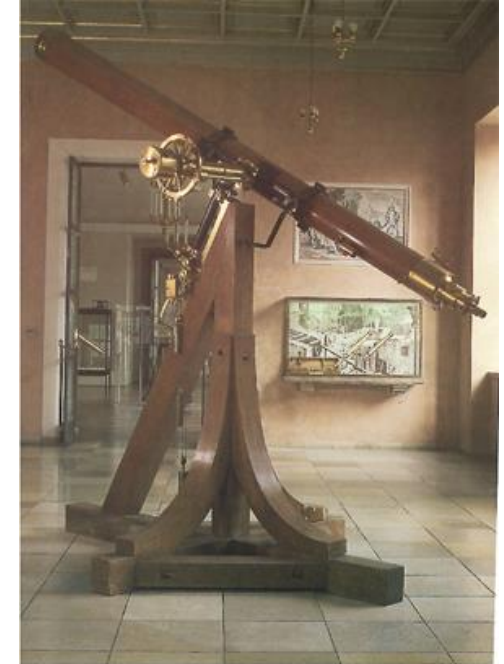
The „missing colours" of the sun – fundamentals in optics & spectral analysis
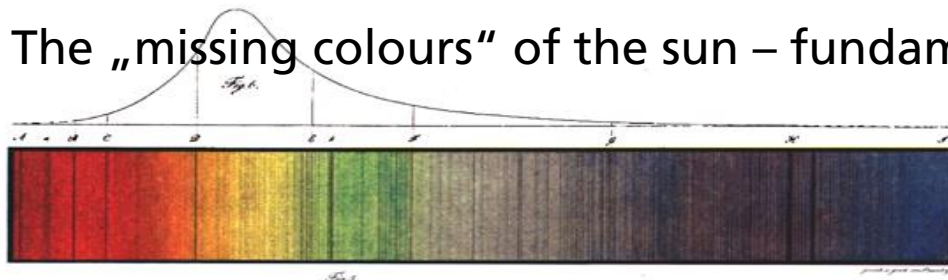
Fraunhofer Lines: Absorption lines in the solar atmosphere caused by chemical elements

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Fraunhofer-Gesellschaft - Basic facts

- **69 individual Fraunhofer research institutes / units**

- **24,500 staff**

- **2.1 Mrd € annual research budget, partially public founded (1/3)**

- **7 „Research Groups"**
  - ICT
  - Life Sciences
  - Light & Surfaces
  - Mikroelectronics
  - Produktion
  - Materials & Components
  - Defense & Security
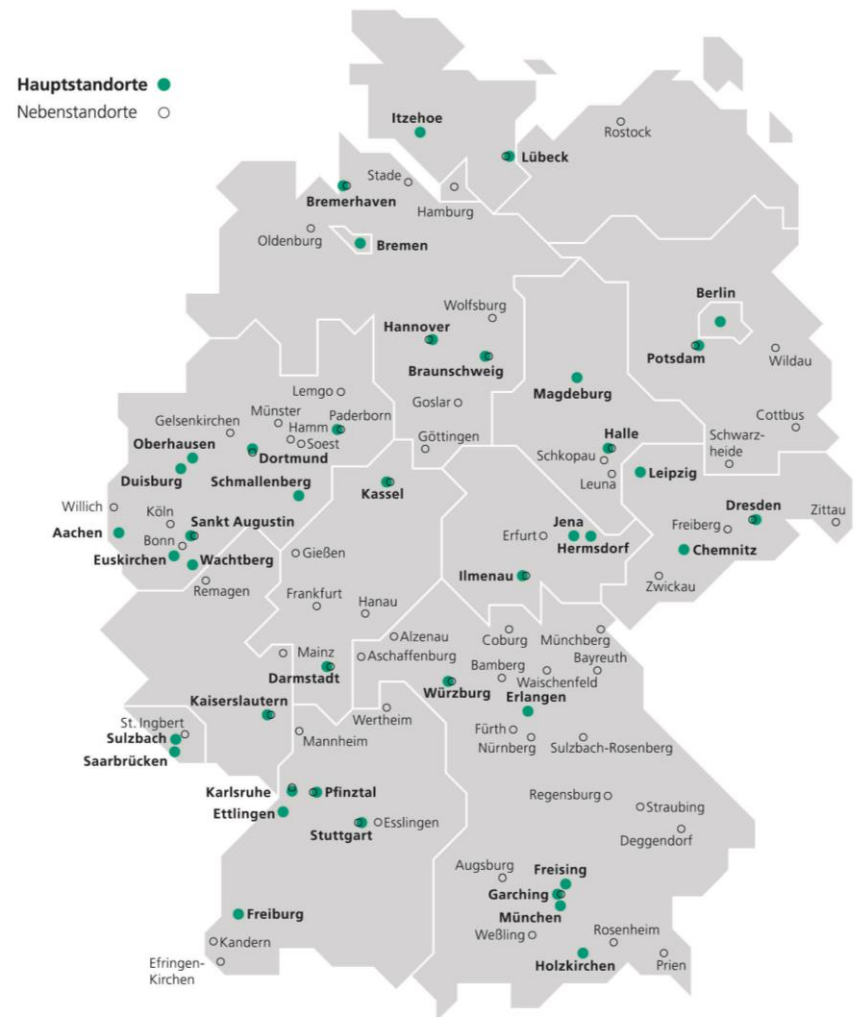
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Fraunhofer Research and Business Models

Contract Research

- Applied research and development for industry
- On specific requests of our customers, exclusive

Joint Research

- Forefront and applied research (demonstrators)
- Funded by European Union and national funding bodies

Fraunhofer Forefront Research

- Setting new standards, technologies (prototypes)

Patent / Technology / Product Licensing

- Worldwide, preferably non-exclusive

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Challenges to meet for the Fraunhofer Institutes
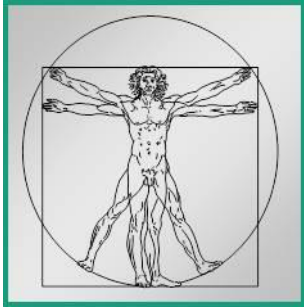
Scientific Expertise

Balanced Financial Mix

Entrepreneurial Expertise
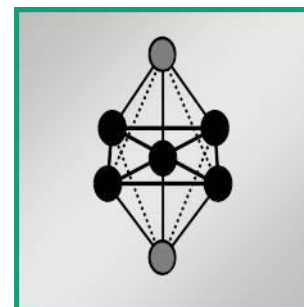
Professional Networking

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Measuring Scientific…

Output

- *Scientific publications*
- *Intern. Co-Publications*
- *Excellence rates*
- *Citations*
- *Patents*

Qualification

- *Doctoral theses*
- *Other theses*

„Fraunhofer-indikator"

Acknowledgement and Networking

- *High-Level-Awards*
- *Spokesmanships*
- *Projects of excellence*

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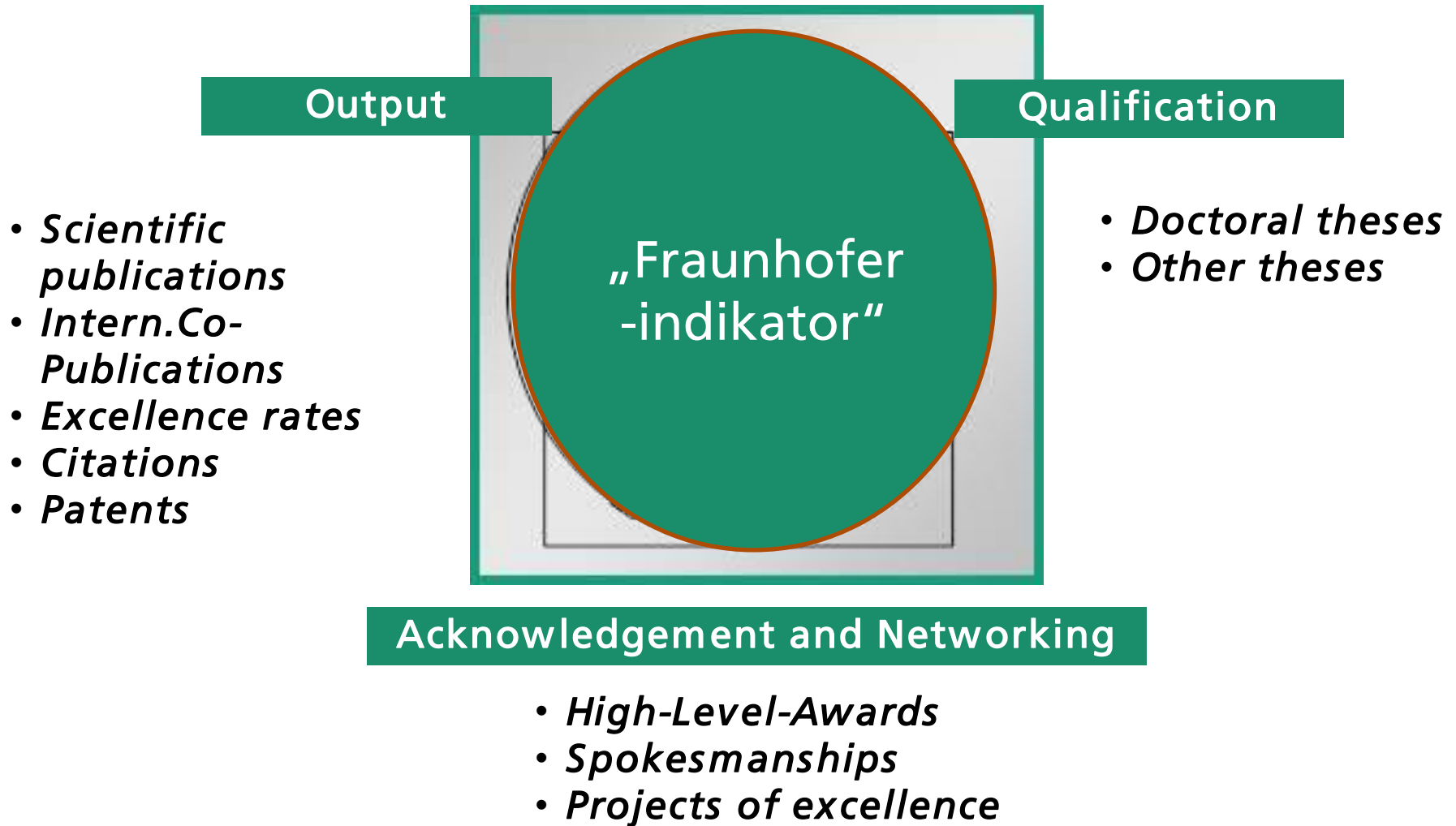
Project „Measuring Indicators of Scientific Excellence"

Recommendations   Collection via Excel & Scripts   Web Based System

| Indicator Assessment | Collection Trial | Feedback & Evaluation | CRIS System & Pilot | Continuity SLA |

High Level Expert Group

Fraunhofer Headquarter

Fraunhofer IRB
Research Services & Open Science

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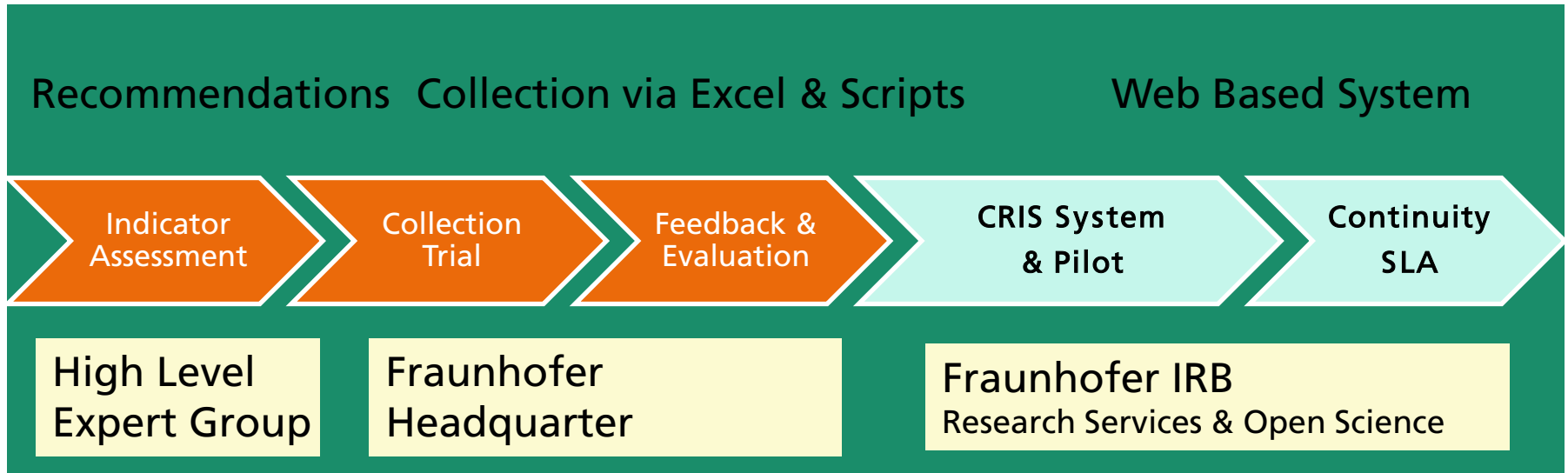
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Central information

FhG Headquarter
- Employee data
- No. of patents

Local information

Fraunhofer Institutes
- Academic collaboration
- teaching & supervision

Public information

Scopus Database
- No. of publications
- citations

Python Scripts

Feedback Report per Institute
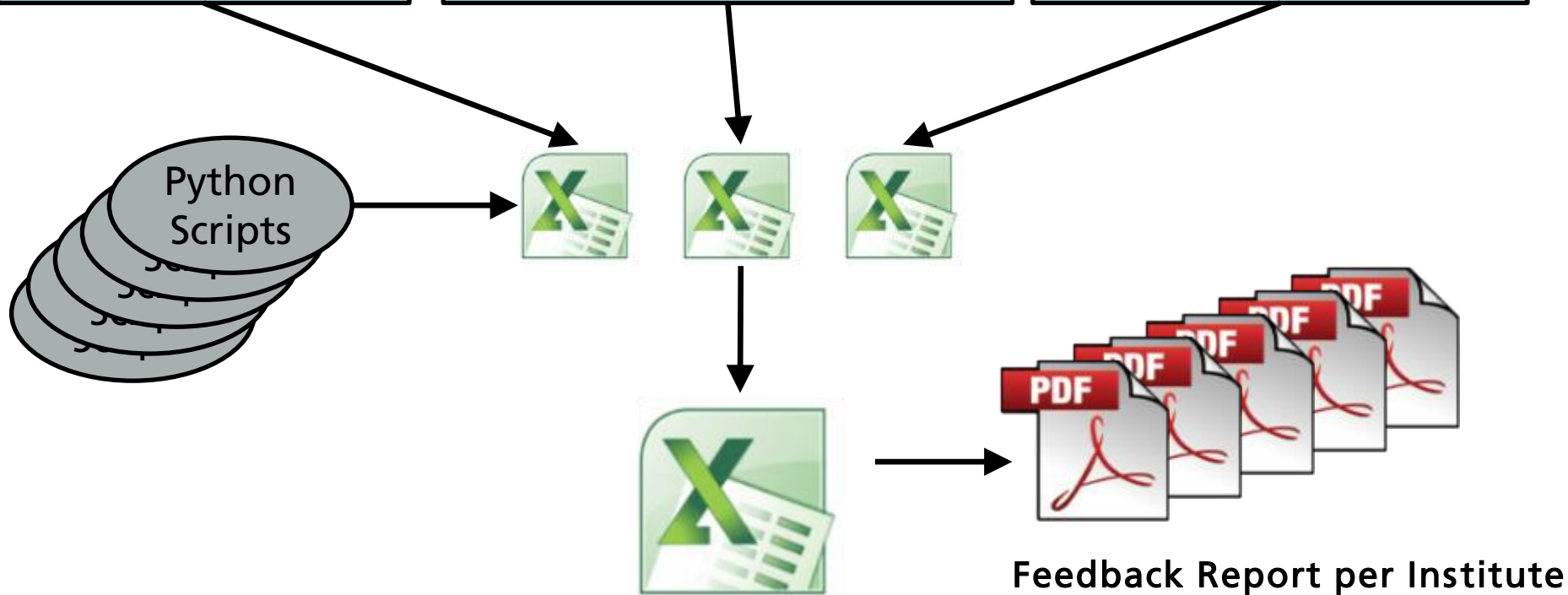
Task: Please find a tool to transform the collection logic via Excel & Scripts into an „Easy To Use System"!

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Repository Infrastructure @ Fraunhofer

Fraunhofer Requirements

- Fast implementation
  (no EU-wide tender, no additonal licencing costs)

- Mapping of Fraunhofer (hierarchical) organisational structure

- Entry / import of the central / local / publica data

- Data management workflows: entry, control, approval/rejection, validation → Different user roles / permissions / privileges

- Separation of the datasets of the various institutes

- Definition / calculation and storage of indicator values

- Wide range of configuration possibilities

- Compliance with international standards (e.g. CERIF) and consideration of "Kerndatensatz Forschung" (KDSF)

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Why DSpace-CRIS?

- ✓ Open Source

- ✓ Open for „all sorts" of data entities of the research environment

- ✓ Open and flexible system architecture

- ✓ Wide range of configuration possibilities

- ✓ Allows a hierarchical organization structure

- ✓ Flexibility of indicator and data calculation („Metrics" table)

- ✓ Different roles / privileges

- ✓ Data management workflows

- ✓ Large DSpace community and regular adjustments/enhancements of DSpace and the CRIS module

- ✓ Support & assistance on a consultancy basis available

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DSpace-CRIS adaptations @ Fraunhofer:

- Additional data entities

- Separation of the various institutes' datasets

- Calculation and storage of indicators' values

- Adjustments of input forms, data display, filter possibilities

- Enhancement of the „My DSpace" page (working area of users)

- Shortage of workflows

- "Cleansing" of web app surface and adaption into Fraunhofer look/design

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Cooperation with 4Science

- Feasibility-study of Fraunhofer requirements within DSpace-CRIS

- Extensive exchange about possibilities, best ways of implementation

- Definition of data entities, indicator definitions and input form specifications

- Implementation of Alpha + Beta + 1.0 version of «Fraunhofer-FIS»

- Testing & improvement phase
  (including usage of 4Science ticket system)

- Online training meetings & ongoing support

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Entity / Object / Table:	spokesmanship	Storage of spokesmanship in projects or funder programs			
Attribute name	Standard Label (german)	Standard Label (english)	Value type	Example	Comment
fhg_institute	"Erfassung für:"	"Data acquisition for:"	id	record_id of user's institute from table cris_orgunit	*Assigned automatically by the system wit
data_collection_year	"Relevantes Erhebungsjahr"	"Relevant collection year"	number	"2016"	*Assigned automatically by the system. Sh new collection year!
record_id	"Systeminterne Datensatz-ID"	"Internal record ID"	id		*internal CRIS id *Assigned automatically by the system.
fhg_speaker (record_id from table cris_rpage)	"FhG Mitarbeiter"	"FhG Staff Member"	id	record_id from table cris_rpage	*Other information like name and gender c *What, if you have to enter a person, who i him from dropdown list/autosuggest)? Can automatically as new entry in table cris_rp
speakers_category	"Art der Funktion"	"Type of Role"	digit	"1" or "2"	
funder (record_id from table cris_orgunit)	"Fördermittelgeber"	"Funding Organisation"	id	an record_id from table cris_orgunit	*What, if you have to enter an organisation can't pick him from dropdown list/autosugg then automatically as new entry in table cr
program	"Kurzbezeichnung d. Programms"	"Short Name of Program"	string	E.g. "Forschungscampus Arena 2036" or e.g. "International Electrotechnical Commission (IEC) / IEC/TC 65/WG 14 'Energy Efficiency in Industrial Automation'"	
validation	"Validierung"	"Validation"	digit	"1" or "0"	
internal_comment	"Internes Bemerkungsfeld"	"Internal Notes"	string	"Dies ist ein Beispielkommentar nur sichtbar für bestimmte Leute"	
external_comment	"Externes Bemerkungsfeld"	"External Notes"	string	"Dies ist ein Beispielkommentar sichtbar für alle Leute"	

Entity / Object / Table:	teaching	Storage of teaching activity			
Attribute name	Standard Label (german)	Standard Label (english)	Value type	Example	Comment
fhg_institute	"Erfassung für:"	"Data acquisition for:"	id	record_id of user's institute from table cris_orgunit	*Assigned automatically by the system wit
data_collection_year	"Relevantes Erhebungsjahr"	"Relevant collection year"	number	"2016"	*Assigned automatically by the system. Sh new collection year!
record_id	"Systeminterne Datensatz-ID"	"Internal record ID"	id		*internal CRIS id *Assigned automatically by the system.
educational_organisation (record_id from table cris_orgunit)	"Name der Hochschule"	"Name of the Educational Organisation"	id	an record_id from table cris_orgunit	
semester_type	"Winter-/Sommersemester?"	"Winter or summer semester?"	string	"ss" or "ws"	
number_sws	"Anzahl der geleisteten Semesterwochenstunden"	"Number of semester hours held"	number	"24"	
number_teachers_total	"Anzahl aller lehrenden Personen"	"Number of all teaching persons"	number	"5"	
number_teachers_charged	"Anzahl aller Lehrbeauftragten"	"Number of all charged teaching persons"	number	"2"	
validation	"Validierung"	"Validation"	digit	"1" or "0"	
internal_comment	"Internes Bemerkungsfeld"	"Internal Notes"	string	"Dies ist ein Beispielkommentar nur sichtbar für bestimmte Leute"	
external_comment	"Externes Bemerkungsfeld"	"External Notes"	string	"Dies ist ein Beispielkommentar sichtbar für alle Leute"	

Entity / Object / Table:	junior_research_groups	Storage of information about junior research groups			
Attribute name	Standard Label (german)	Standard Label (english)	Value type	Example	Comment
fhg_institute	"Erfassung für:"	"Data acquisition for:"	id	record_id of user's institute from table cris_orgunit	*Assigned automatically by the system wit
data_collection_year	"Relevantes Erhebungsjahr"	"Relevant collection year"	number	"2016"	*Assigned automatically by the system. Sh new collection year!
record_id	"Systeminterne Datensatz-ID"	"Internal record ID"	id		*internal CRIS id *Assigned automatically by the system.

Form / entry mask for entity (collection):	awards German: "Preise und Auszeichnungen"	Entry of prizes and awards				
Attribute name	**Label (german)**	**Label (english)**	**Way to enter data**	**Value to be stored and values to choose from**	**Notices and validation hints**	**Comment**
fhg_institute	"Erfassung für:"	"Data acquisition for:"	*Assigned automatically by the system.	record_id of user's institute from table cris_orgunit	*Mandatory field	Should be filled automatically with the FhG Institute of the user, who's logged in or the institute for which he choosed to submit data!
data_acquisition_year	"Relevantes Erhebungsjahr"	"Relevant acquisition year"	*Assigned automatically by the system.			*Assigned automatically by the system. Should be settable by us as a global variable for every new collection year!
record_id	"Systeminterne Datensatz-ID"	"Internal record ID"	*Assigned automatically by the system.		*Mandatory field	
award_title	"Name der Auszeichnung"	"Title of Award"	*Manual entry		*Mandatory field	
awarding_organisation (record_id from table cris_orgunit)	"Verleihende Organisation"	"Awarding Organisation"	*autosuggest/ autocomplete field	*Show in the list/selection: Show orga_short_name & orga_full_name & orga_type of all organisations, except orga_type = "fhg" *After choice, show on the form: orga_short_name & orga_full_name *Store: record_id	*Mandatory field	*What, if you have to enter an organisation, who isn't already in table cris_orgunit (thus you can't pick him from dropdown list/autosuggest)? Can you enter it manually? And will it be stored then automatically as new entry in table cris_orgunit?
topic	"Thema / Begründung"	"Topic / Explanation"	*Manual entry			
award_winner (record_id from table cris_rpage)	"Preisträger"	"Award Winner"	*Autosuggest / autocomplete field	*Selection for autosuggest: - All staff member of the user's fhg institute (affiliation_type = fhg and orga_short_name = fhg institute of user) - Last name, first name, FhG Institute, email address *After choice, show on the form: Last name, first name, FhG Institute, email address *Store: record_id	*Mandatory field	*What, if you have to enter a person, who isn't already in table cris_rpage (thus you can't pick him from dropdown list/autosuggest)? Can you enter him (and his affiliation) manually? And will he then be stored automatically as new entry in table cris_rpage (and his affiliation in cris_orgunit?)?
awarding_date	"Datum der Preisverleihung"	"Date of Awarding"	*Calendar field		*Mandatory field *European / German date format *Allow no date with older year than the relevant coverage year	
category	"Preis-Kategorie"	"Prize Category"	*Dropdown list or radio buttons	"1" (label: "Preis der Kategorie 1") "2" (label: "Preis der Kategorie 2")	*Mandatory field	
prize_money	"Preisgeld"	"Prize Money"	*Manual entry		*Allow only a number *Change into special format (35000 --> 35.000)	
validation	"Validierung"	"Validation"	*Radio buttons	"1" "0"	*Show only for special users!!!	Or do we need a special "editing form" for my colleagues and me to check and validate the institutes data?
internal_comment	"Internes Bemerkungsfeld"	"Internal Notes"	*Manual entry		*Show only for special users!!!	Or do we need a special "editing form" for my colleagues and me to check and validate the institutes data?
external_comment	"Externes Bemerkungsfeld"	"External Notes"	*Manual entry			
Form / entry mask for entity (collection):	projects (Fraunhofer) German: "Projekte Fraunhofer (Evaluierte Exzellenzforschung)"	Entry of funded Fraunhofer projects				
Attribute name	**Label (german)**	**Label (english)**	**Way to enter data**	**Value to be stored and values to choose from**	**Notices and validation hints**	**Comment**
fhg_institute	"Erfassung für:"	"Data acquisition for:"	*Assigned automatically by the system.	record_id of user's institute from table cris_orgunit	*Mandatory field	Should be filled automatically with the FhG Institute of the user, who's logged in or the institute for which he choosed to submit data!
data_acquisition_year	"Relevantes Erhebungsjahr"	"Relevant acquisition year"	*Assigned automatically by the system.			*Assigned automatically by the system. Should be settable by us as a global variable for every new collection year!
record_id	"Systeminterne Datensatz-ID"	"Internal record ID"	*Assigned automatically by the system.		*Mandatory field	

4Science Help Center

Requests

| | | Any status ▾ | | Created by anyone ▾ | | Any request type ▾ | | Request contains... 🔍 |

Type	Reference	Summary	Service desk	Status	Requester
🔧	RHD-110	Data entry form/process "Junior Research Group"	Customer Help Desk	CLOSED	Michael Erndt
🔧	RHD-111	Data entry form/process "Projects"	Customer Help Desk	CLOSED	Michael Erndt
🔧	RHD-112	Data entry form/process "Spokesmanship"	Customer Help Desk	CLOSED	Michael Erndt
🔧	RHD-113	Data entry form/process "Teaching activities"	Customer Help Desk	CLOSED	Michael Erndt
🔧	RHD-117	List of tabs on orgunits' homepages	Customer Help Desk	CLOSED	Michael Erndt
🔧	RHD-118	Data display definitions for collection and orgunit homepages	Customer Help Desk	CLOSED	Michael Erndt
⚡	RHD-129	Two issues concerning publications	Customer Help Desk	CLOSED	Michael Erndt
⚡	RHD-59	Automatic metrics ignore the acquisition date for field(i.e.sum metrics from 2015, 2016, etc.)	Customer Help Desk	CLOSED	Michael Erndt
⚡	RHD-61	New data for an institute can override data of other institutes (i.e. reusing teaching object, awards, etc.)	Customer Help Desk	CLOSED	Michael Erndt
💡	RHD-69	Free entry of acquisition year for "admin" and "corporate-user-admin"	Customer Help Desk	CLOSED	Michael Erndt
🔧	RHD-70	Skip license page during submission	Customer Help Desk	CLOSED	Michael Erndt
🔧	RHD-71	Skip upload page during submission process for institutes' users	Customer Help Desk	CLOSED	Michael Erndt

| | Customer Help Desk | RHD-428 Question regarding linking into help page | Do 10.08.2017 19:04 | 17 KB | für Do... |
| | Help Desk | RHD-427 Different guideline texts on data entry forms | Do 10.08.2017 16:49 | 18 KB | für Do... |

| | Help Desk | RHD-388 Git/GitLab environment | Fr 07.07.2017 18:40 | 17 KB | Wich... |

	Help Desk	RHD-388 Git/GitLab environment	Fr 23.06.2017 09:34	19 KB	noch off...
	Help Desk	RHD-387 Helping hand/ideas needed for mysterious redirect behavior	Do 22.06.2017 18:11	22 KB	Erledigt
	Help Desk	RHD-190 Strange entry belonging to another institute!?	Mi 17.05.2017 11:57	17 KB	Erledigt
	Help Desk	RHD-198 Addition to autosuggestion lists with Fraunhofer staff member	Mi 17.05.2017 11:53	20 KB	Erledigt
	Help Desk	RHD-195 Different waiting / response time	Mi 17.05.2017 11:53	20 KB	Erledigt
	Help Desk	RHD-330 Update Fraunhofer-CRIS	Mi 17.05.2017 11:50	17 KB	
	Pascarelli Luigi Andrea	Installation last development	Mi 17.05.2017 11:44	18 KB	
	Customer Help Desk	RHD-323 Some questions about data import	Di 09.05.2017 12:06	16 KB	
	Help Desk	RHD-299 Rebuild application after first training round	Do 13.04.2017 14:19	22 KB	Wichti...
	Customer Help Desk	RHD-287 Hide some Buttons on orgunit homepage	Fr 07.04.2017 15:51	16 KB	Erledigt
	Customer Help Desk	RHD-286 Missing "heading" attributes in input-forms.xml + input-form...	Fr 07.04.2017 15:45	17 KB	Tipp!; P...
	Customer Help Desk	RHD-270 Requirements for MyDSpace area/table	Mi 29.03.2017 17:59	16 KB	Erledigt
	Customer Help Desk	RHD-269 Rejection note isn't shown for institute's data collector	Mi 29.03.2017 17:05	16 KB	Erledigt
	Customer Help Desk	RHD-268 Privileg problem with submission workflow / visibility of new ...	Mi 29.03.2017 16:52	17 KB	Erledigt
	Help Desk	RHD-267 menu item "CRIS modul" missing	Di 28.03.2017 12:08	20 KB	Erledigt
	Customer Help Desk	RHD-263 Some input/wishes for next training session	Mo 27.03.2017 10:10	16 KB	Erledigt
	Help Desk	RHD-178 Upload of result reports - improvements	Do 23.03.2017 09:00	21 KB	Erledigt
	Help Desk	RHD-236 Data display on orgunit homepage projects tabs - show long...	Di 14.03.2017 09:03	17 KB	Erledi...
	Customer Help Desk	RHD-211 (former RHD-118) Filters missing for orgunit tab "Projects"	Fr 03.03.2017 13:20	16 KB	noch off...
	Help Desk	RHD-185 (former RHD-78) Display of approved/validated items on orgu...	Do 02.03.2017 16:45	21 KB	Erledi...
	Help Desk	RHD-191 (former RHD-109) Suggestions for input field "FhG Contribut...	Do 02.03.2017 16:31	20 KB	Tipp!;...
	Help Desk	RHD-201 (former RHD-38 , RHD-39 , RHD-41) Cooperation indicators pr...	Do 02.03.2017 13:44	21 KB	für Do...
	Help Desk	RHD-188 (former RHD-102) Authorization problem with link to publicat...	Do 02.03.2017 13:23	21 KB	für Do...
	Help Desk	RHD-197 Storage and display of indicators (metrics' values)	Do 02.03.2017 11:24	17 KB	Versc...
	Help Desk	RHD-186 Filtering on tab "Publications" disturbed	Do 02.03.2017 09:49	23 KB	Erledi...
	Customer Help Desk	RHD-194 Certain projects not shown on orgunit homepage	Mi 22.02.2017 15:15	16 KB	Erledigt
	Customer Help Desk	RHD-193 (former RHD-118) Addition to data display on tab "Speaker"	Mi 22.02.2017 10:27	17 KB	Erledig...
	Help Desk	RHD-177 (former RHD-63) Upload of a result report into collection "Res...	Di 21.02.2017 17:11	17 KB	für Do...
	Customer Help Desk	RHD-189 (former RHD-108) Issues with data entry for "Awards"	Di 21.02.2017 16:48	17 KB	Erledigt
	Help Desk	RHD-180 (former RHD-74) Submissions of admin or corporate-user-ad...	Fr 17.02.2017 14:58	17 KB	Erledigt
	Bollini Andrea	Re: Current situation regarding our project	Do 19.01.2017 18:07	18 KB	
	Erndt, Michael	Current situation regarding our project	Do 19.01.2017 15:30	13 KB	
	Research 4Science	RHD-140 Missing links in community breadcrumb	Fr 23.12.2016 13:05	20 KB	Erledigt

Fraunhofer

Fraunhofer-FIS

Fraunhofer-FIS steht für Fraunhofer-Forschungsinformationssystem. Es handelt sich um eine interne, webbasierte Datenbankanwendung zur Erfassung und Verwaltung der Daten für die Fraunhofer-Wissenschaftsindikatoren. Mehr zum Thema Wissenschaftsindikatorik bei Fraunhofer finden Sie hier.

Fraunhofer

Am System anmelden

Bitte geben Sie Ihre Nutzerkennung und Ihr Passwort in das Formular ein:

Nutzerkennung: _____

Passwort: _____

Anmelden

Haben Sie Ihr Passwort vergessen? Dann wenden Sie sich bitte mit dem Betreff "Passwort vergessen" an wissenschaftsindikatoren@fraunhofer.de

Fraunhofer

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Deutsch   English

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Fraunhofer

Fraunhofer-Gesellschaft

Mein Arbeitsplatz: ikts-user-collector   ❷

Einen neuen Datensatz erfassen

Angefangene Datensätze

Hier können Sie Ihre Datensätze weiterbearbeiten.

Show [10 ▾] entries   Search: [_____]

	Erfasst von	Datensatz/Titel	Datenkategorie	
Anzeigen	ikts-user-collector	Testpreis der Chemisch-Physikalischen Gesellschaft	Awards	Löschen
Anzeigen	ikts-user-collector	Testdissertation von Max Mustermann	Doctoral Theses	Löschen

Showing 1 to 2 of 2 entries   1

Eigene Datensätze im Geschäftsgang (Begutachtung o. Validierung)

Show [10 ▾] entries   Search: [_____]

Datensatz/Titel	Datenkategorie
Fraunhofer-Uni-Testprojekt	Projects
Testprojekt Fraunhofer IKTS	Projects

Showing 1 to 2 of 2 entries   1

Fraunhofer

Beschreiben | Beschreiben | Notizen | Überprüfen | Fertig

Erfassung für Datenkategorie **Projects**

Metadatenerfassung ❓

Bitte geben Sie alle notwendigen Informationen ein. Pflichtfelder sind mit einem * gekennzeichnet. In den meisten Browsern können Sie mit der Tabulator-Taste von Feld zu Feld springen.

Wählen Sie bitte je nach Finanzierung einen Projekttyp aus.

Projekttyp *

- ◉ Project at Fraunhofer Institutes
- ○ Project of associated groups of Universities

Wird vom System automatisch zugewiesen.

Berichtsjahr *

2016

Wählen Sie bitte eine Kategorie des Projekts aus.

Projektkategorie *

(Select a value...)

Geben Sie den Haupttitel des Projekts an.

Projekttitel *

Nur ganzer/gerundeter Euro-Betrag.

Höhe der verausgabten Mittel im Erfassungsjahr in €

Kurzbezeichung des

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Erfassen: Datensatz überprüfen ❓

Sie sind fast fertig

Bitte nehmen Sie sich die Zeit, Ihre Angaben zu überprüfen. Wenn etwas falsch ist oder fehlt, können Sie anhand der Buttons der entsprechenden Sektion zu selbiger zurückkehren und diese löschen. Gleiches geht auch mit der Navigationsleiste oben.

Wenn alles in Ordnung ist, klicken Sie bitte auf "Fertig".

Sie können die hochgespielten Dateien problemlos überprüfen. Sie werden in einem neuen Fenster geöffnet.

Projekttyp	Project at Fraunhofer Institutes
Berichtsjahr	2016
Projektkategorie	Graduiertenkolleg
Projekttitel	Testprojekt Fraunhofer IKTS
Höhe der verausgabten Mittel im Erfassungsjahr in €	120000
Kurzbezeichung des Programms	ABC-123
Fördermittelgeber	Deutsche Forschungsgemeinschaft (DFG)

Angaben korrigieren

SIGMA-Nummer	12345678
Beteiligte Bildungseinrichtung	*Keine*
Beteiligte FhG Mitarbeiter	*Keine*

Angaben korrigieren

Notizen (Sichtbar: Institut UND IRB)	NOtiz, sichtbar für das Institut und auch für IRB-Mitarbeiter!

Angaben korrigieren

< Zurück   Abbrechen/Speichern   Fertig

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Fraunhofer-FIS

Fraunhofer-FIS steht für Fraunhofer-Forschungsinformationssystem. Es handelt sich um eine interne, webbasierte Datenbankanwendung zur Erfassung und Verwaltung der Daten für die Fraunhofer-Wissenschaftsindikatoren. Mehr zum Thema Wissenschaftsindikatorik bei Fraunhofer finden Sie hier.

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Fraunhofer-Gesellschaft

Mein Arbeitsplatz: ikts-user-admin	❓

Einen neuen Datensatz erfassen

Persönlicher Arbeitsbereich

Ihr persönliche Aufgabenliste

Show 10 ▾ entries

Search: [   ]

Aufgabe	Institute	Datensatz/Titel	Datenkategorie	Erfasst von		
Begutachten	IKTS	Testprojekt Fraunhofer IKTS	Projects	ikts-user-collector	Aufgabe ausführen	Zurück in Aufgabenpool

Showing 1 to 1 of 1 entries

1

Aufgabenpool

Hier sind die Aufgaben aus dem Aufgabenpool, die Ihnen zugeordnet wurden.

Show 10 ▾ entries

Search: [   ]

Aufgabe	Institute	Datensatz/Titel	Datenkategorie	Erfasst von	
Begutachten	IKTS	Fraunhofer-Uni-Testprojekt	Projects	ikts-user-collector	Übernehmen
Begutachten	IKTS	Test-Diplomarbeit	Other Theses	ikts-user-collector	Übernehmen
Begutachten	IKTS	Testpreis der Chemisch-Physikalischen Gesellschaft	Awards	ikts-user-collector	Übernehmen

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Aufgabe ausführen

Datensatz der Datenkategorie **Projects**. Bitte begutachten Sie diesen Datensatz. Nach der Begutachtung wählen Sie bitte Zustimmen oder Ablehnen, um die Begutachtung abzuschliessen.

Art:	Project at Fraunhofer Institutes
Erhebungsjahr:	2016
Fraunhofer Institut:	Fraunhofer-Institut für Keramische Technologien und Systeme IKTS 🏛
Validierungsstatus:	Excluded
Öffentliche Notiz:	NOtiz, sichtbar für das Institut und auch für IRB-Mitarbeiter!
Programm-Name:	ABC-123
Kategorie:	Graduiertenkolleg
Title of Project:	Testprojekt Fraunhofer IKTS
Sigma Number:	12345678
Spent Budget:	120000
Funding Organisation:	Deutsche Forschungsgemeinschaft (DFG) 🏛
Datenkategorie:	Projects

Zustimmen	Wenn Sie einen Datensatz **positiv** begutachtet haben, wählen Sie bitte "Zustimmen".
Ablehnen	Wenn Sie einen Datensatz **negativ** begutachtet haben, wählen Sie bitte "Ablehnen". Danach werden Sie aufgefordert, die Gründe für die Ablehnung anzugeben. Diese werden dann dem Erfasser zugesandt und er hat die Möglichkeit entsprechende Änderungen an der Ressource und/oder ihren Metadaten vorzunehmen und das Dokument erneut einzureichen.
Metadaten bearbeiten	Wählen Sie diese Option, um die Metadaten zu bearbeiten.
Später erledigen	Wenn Sie die Aufgabe später erledigen wollen, wählen Sie bitte diese Option.
Zurück in Aufgabenpool	Wenn Sie eine Aufgabe wieder in den Aufgabenpool überführen wollen, wählen Sie bitte diese Option.

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Einen neuen Datensatz erfassen

Persönlicher Arbeitsbereich

Ihr persönliche Aufgabenliste

Show [10] entries   Search: [   ]

Aufgabe	Institute	Datensatz/Titel	Datenkategorie	Erfasst von	
Validieren	IZI	Fraunhofer Institut für Zelltherapie und Immunologie IZI	Aggregated Indicators for Professorship	izi-user-collector	**Aufgabe ausführen** Zurück in Aufgabenpool

Showing 1 to 1 of 1 entries   [1]

Aufgabenpool

Hier sind die Aufgaben aus dem Aufgabenpool, die Ihnen zugeordnet wurden.

Show [10] entries   Search: [   ]

Aufgabe	Institute	Datensatz/Titel	Datenkategorie	Erfasst von	
Validieren	IZI	Hauptpreis	Awards	izi-user-collector	Übernehmen
Validieren	IZI	Testpreis GBR	Awards	izi-user-collector	Übernehmen
Validieren	IKTS	Testprojekt Fraunhofer IKTS	Projects	ikts-user-collector	Übernehmen
Validieren	IKTS	Fraunhofer-Uni-Testprojekt	Projects	ikts-user-collector	Übernehmen
Validieren	IKTS	Test-Diplomarbeit	Other Theses	ikts-user-collector	Übernehmen
Validieren	IKTS	Testdissertation von Max Mustermann	Doctoral Theses	ikts-user-collector	Übernehmen
Validieren	IKTS	Beispielgruppe Nano-Forschung	Junior Research Groups	ikts-user-collector	Übernehmen
Validieren ▾	▾	▾	▾	▾	

Showing 1 to 7 of 7 entries (filtered from 16 total entries)   [1]

Angefangene Datensätze

Hier können Sie Ihre Datensätze weiterbearbeiten.

Show [10] entries   Search: [   ]

	Erfasst von	Datensatz/Titel	Datenkategorie	
Anzeigen	corporate-user-admin	Fraunhofer Institut für Zelltherapie und Immunologie IZI	Junior Research Groups	Löschen

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Fraunhofer-FIS

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Fraunhofer-Gesellschaft

Fraunhofer-Institut für FIS-Test und Präsentation

| Informations | Publications | Reports | Projects | Indicators | Awards | Speaker | Teaching | Junior Research Group |

OrgUnit funded Projects

Show/Hide filters ⌄

Treffer 1-2 von 2 (Suchzeit: 0.002 Sekunden).

Erhebungsjahr ⬍	Projekttyp	Projektkategorie	Titel ▲	Förderorganisation	Projektbudget ⬍	V-Status
01-01-2016	Funded University projects	Exzellenzcluster	Fraunhofer-Uni-Testprojekt	Bundesministerium für Bildung und Forschung (BMBF)	230000	Excluded
01-01-2016	Funded Fraunhofer projects	Graduiertenkolleg	Testprojekt Fraunhofer IKTS	Deutsche Forschungsgemeinschaft (DFG)	120000	Excluded

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Pains & Gains

- Organisational structure is REALLY complex

- There is no such thing as an „easy implementation"

- Data ownership and different sources

- Fraunhofer institutes / units often change, split, merge, etc.

- Scopus is NOT an accurate database

- Institutes may complain about „YET ANOTHER COLLECTION SYSTEM"

+ Institutes are thinking about their dissemination strategies

+ Publication processes are introduced

+ Research management strategies are fostered

+ Research dissemination is being measured as KPI

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Outlook

- Start pilot phase with 5 institutes → October 2017

- Evaluation of pilot phase → early 2018

- Extension & enhancement of FIS → in between

- Go-live → Q4 / 2018

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Contact

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