

ORCID DE – Initiative zur Förderung von ORCID in Deutschland

RDA-Deutschland-Treffen 2016

Potsdam, 28./29.11.2016

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Open Science

Agenda

Background

ORCID DE

Future

Background

Wissenschaftsrat, 2016^[1]

Verwendung von Identifikatoren in den Basisdaten

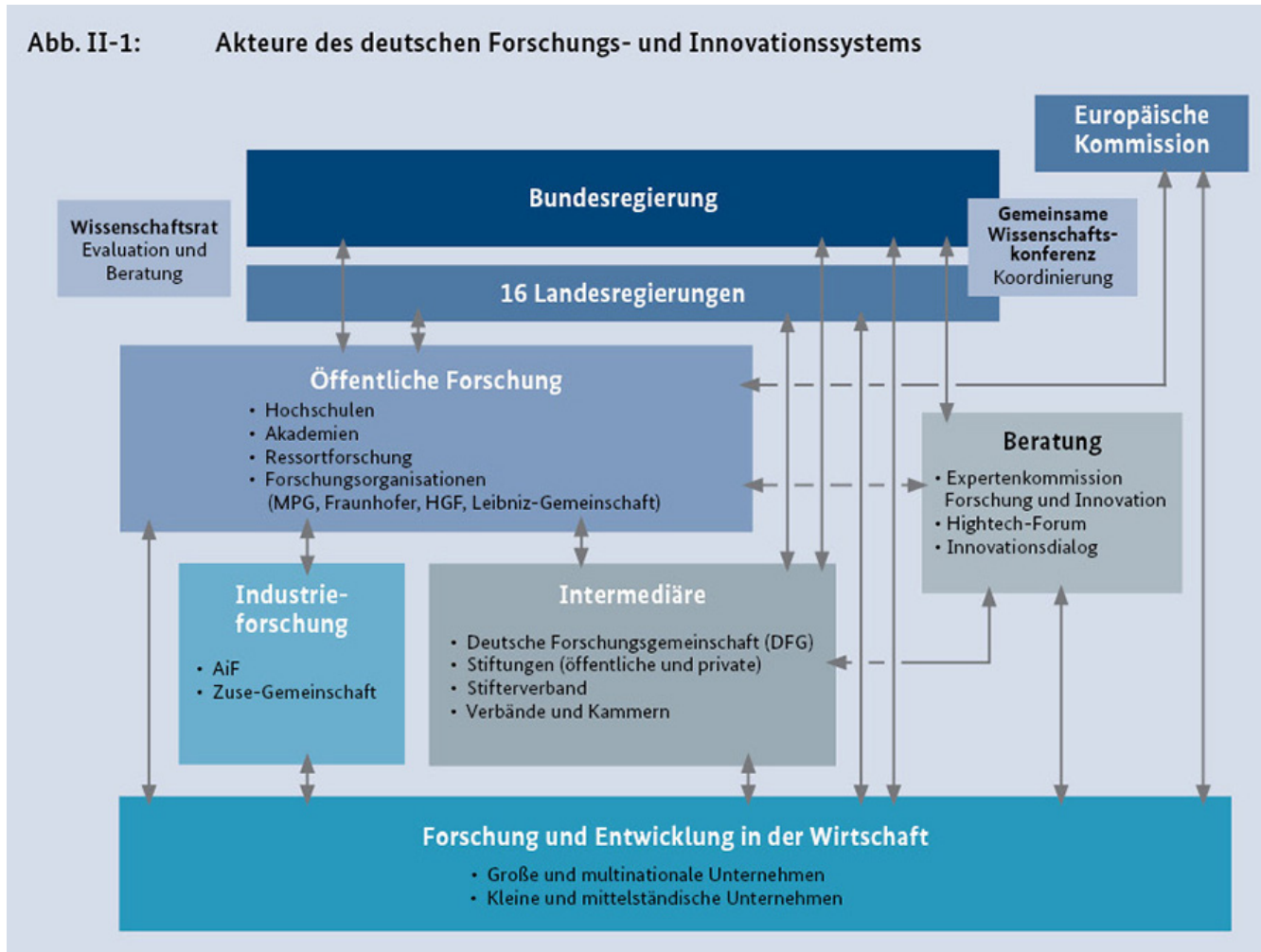
Es wird empfohlen, bei der Erfassung und Zusammenführung der Basisdaten für **alle Objekte** des Kerndatensatz Forschung eindeutige Identifikatoren (sogenannte *Identifizier*) zu verwenden. Dabei können sowohl **einrichtungsinterne**, als auch **externe Identifizier** verwendet werden. Ein Beispiel für einen auch einrichtungsübergreifend einsetzbaren Identifizier und offenen Standard zur Zuordnung von **Personen** stellt ORCID (Open Researcher and Contributor ID) dar, dessen Einsatz empfohlen wird.²⁸

European Commission, 2016^[2]

Where possible, contributors should also be uniquely identifiable, and data uniquely attributable, through identifiers which are persistent, non-proprietary, open and interoperable (e.g. through leveraging existing sustainable initiatives such as [ORCID](#) for contributor identifiers and [DataCite](#) for data identifiers).

Complex research landscape

Abb. II-1: Akteure des deutschen Forschungs- und Innovationssystems



Building bridges

ORCID



Federalism

HEI

Funding

Responsibilities of state and Länder

Research institutes

Research Core Dataset

Status quo of ORCID in Germany

353.276
researchers (FTE)
in Germany²



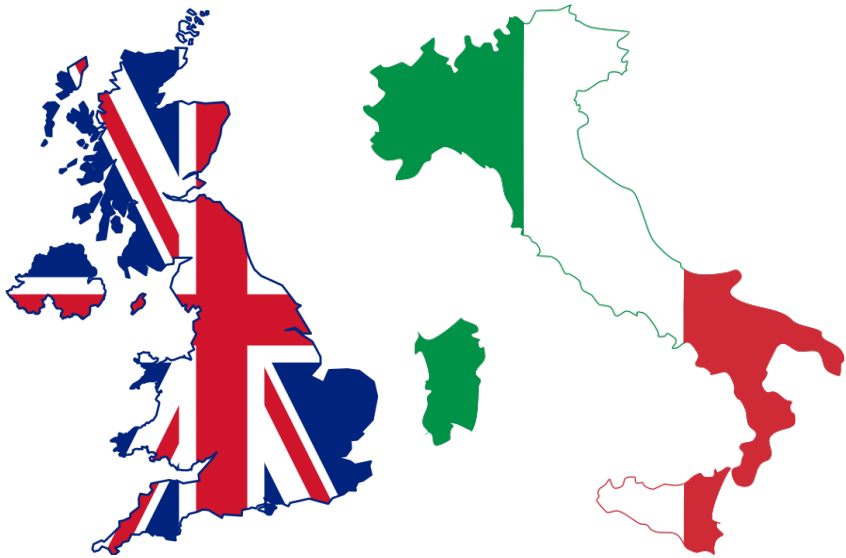
56.173 registered
ORCID records in
Germany¹

16%

1) http://ec.europa.eu/eurostat/statistics-explained/index.php/R_%26_D_personnel
2) Numbers provided by ORCID. ORCID records with either a .de email domain or country = DE

Diverse research landscape

top-down vs. bottom-up



Mission:

Coordinated promotion of the „Open Researcher and Contributor ID“ (ORCID) for persistent identification of authors at academic institutions in Germany

Initiated by



Funded by

DFG

Project period

**2016 -
2019**

ORCID DE: project partners

- GFZ German Research Centre for Geosciences
 - Helmholtz Open Science Coordination Office
- German National Library
 - Integrated Authority File (GND)
- Bielefeld University Library
 - Bielefeld Academic Search Engine (BASE)



ORCID DE: goals

- Creation of a central contact point
- Integration of ORCID into Bielefeld Academic Search Engine (BASE)
- Linking ORCID to GND
- Legal review
- Linking ORCID to new forms of publications

ORCID DE: goals

BASE
Bielefeld Academic Search Engine

Mobile | A A A | A | English | Login

BASIC SEARCH | ADVANCED SEARCH | HELP | BROWSING | SEARCH HISTORY

Your search
tit: "Bielefeld Academic Search Engine" Entire Document
 Boost open access documents **Find**

Linguistics tools
 Verbatim search
 Additional word forms
 Multilingual synonyms

Statistics
8 hits
in 100,749,750 documents
in 0.14 seconds

Home » Search: tit: "Bielefeld Academic Search Engine (BASE)"

Hit List

1. **Beyond OAI Services: Bielefeld Academic Search Engine (BASE)**
 Open Access

Title: Beyond OAI Services: **Bielefeld Academic Search Engine (BASE)**
Author: **Pieper, Dirk** [claim] ; **Summann, Friedrich**

Year of Publication: 2005
Source: Pieper D, Summann F. Beyond OAI Services: **Bielefeld Academic Search Engine (BASE)**. Presented at the Joint Workshop on Electronic Publishing, Organised by Delos, SVEP and ScieCom, Lund, Sweden.

Document Type: info:eu-repo/semantics/conferenceObject ; doc-type:conferenceObject ; text
Language: eng
Subjects: **Bielefeld Academic Search Engine** ; ddc:020
Rights: info:eu-repo/semantics/openAccess
URL: https://pub.uni-bielefeld.de/publication/2900543
https://pub.uni-bielefeld.de/download/2900543/2900545
Content Provider: PUB - Publications at Bielefeld University

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Author
Subject
Dewey Decimal Classification (DDC)
Year of Publication
Content Provider
Language
Document Type
Access

More Options HELMHOLTZ GEMEINSCHAFT
[Search History](#)

ORCID DE: goals

ORCID	GND
Identifier for researchers	Authority file, including identification of individuals
Registration, curation and authorisation by the respective individual	Indexing and curation of the authority file by staff (e.g. librarians)
Open system	Registered cooperation partners
Run by: international members	Run by: cooperation partners (German speaking), DNB
Unique and persistent Identifier (URI)	Unique and persistent Identifier (URI)
CC0	CC0
Approx. 2,5M	Approx. 3,9M

Hartmann, S. (2016): ORCID und GND – Brückenschlag zwischen zwei Systemen. [3]

ORCID DE: goals

- **Linking of ORCID and GND**
 - Since 2015 ORCID can be added to the GND
 - „sameAs“ relation in linked data

```
<rdf:Description rdf:about="http://d-nb.info/gnd/1088453392">
  <rdf:type rdf:resource="http://d-nb.info/standards/elementset/gnd#DifferentiatedPerson"/>
  <owl:sameAs rdf:resource="http://orcid.org/0000-0003-3334-2771"/>
  <gndo:gndIdentifier rdf:datatype="http://www.w3.org/2001/XMLSchema#string">1088453392</gndo:gndIdentifier>
  <gndo:preferredNameForThePerson rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Pampel,
Heinz</gndo:preferredNameForThePerson>
  <gndo:preferredNameEntityForThePerson>
    <rdf:Description rdf:nodeID="node1addmtusix799384">
      <gndo:forename rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Heinz</gndo:forename>
      <gndo:surname rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Pampel</gndo:surname>
    </rdf:Description>
  </gndo:preferredNameEntityForThePerson>
  <gndo:affiliation>
    <rdf:Description rdf:about="http://d-nb.info/gnd/10347719-6">
      <gndo:preferredNameForTheCorporateBody rdf:datatype="http://www.w3.org/2001/XMLSchema#string">Deutsches
```

- **Three strategies:**
 - Linking existing identifiers (ORCID and GND)
 - (Semi) automatic linking of ORCID and GND
 - Aggregation of metadaten from ORCID and GND

ORCID DE: goals

The screenshot shows a web browser window titled "DNB-Portal" with the URL "https://portal.dnb.de". The main content area displays search results for a person's GND profile. On the left, there is a user greeting "Guten Tag, Frau XY" and a "Logout" button. The search results section includes a "Zurück zur Trefferliste" button, the text "Treffer 9 von 30", and a "GND" button. Below this is a table with the following data:

Link zu diesem Datensatz	http://d-nb.info/gnd/XXXXXXX
Person	Beispielname
Geschlecht	männlich
Andere Namen	Name1 Name2 Name3
Zeit	Lebensdaten: XXXX-

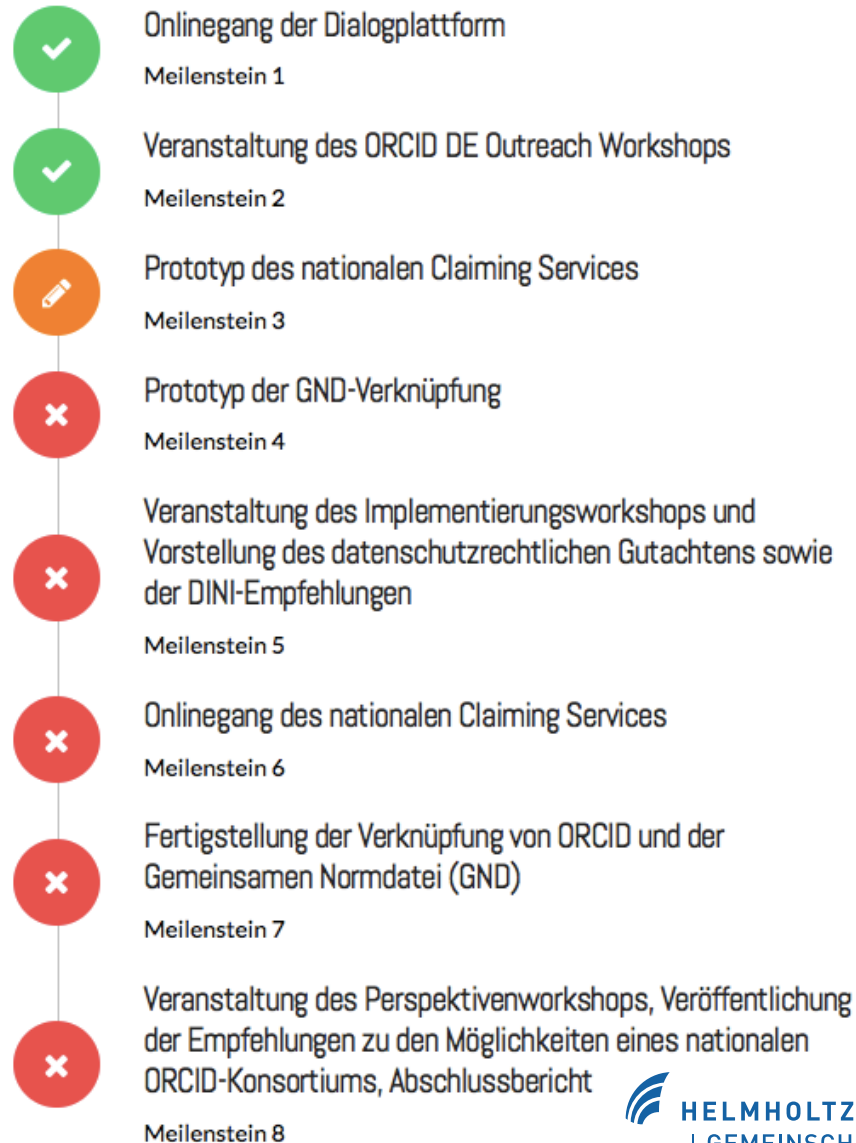
On the right side, there are two sections: "Zusätzliche Informationen" and "Andere Identifier".

Zusätzliche Informationen
Name4 [ORCID]
Institution1 [ORCID]
Beruf1 [Wikidata]

Andere Identifier
ORCID
VIAF
ISNI

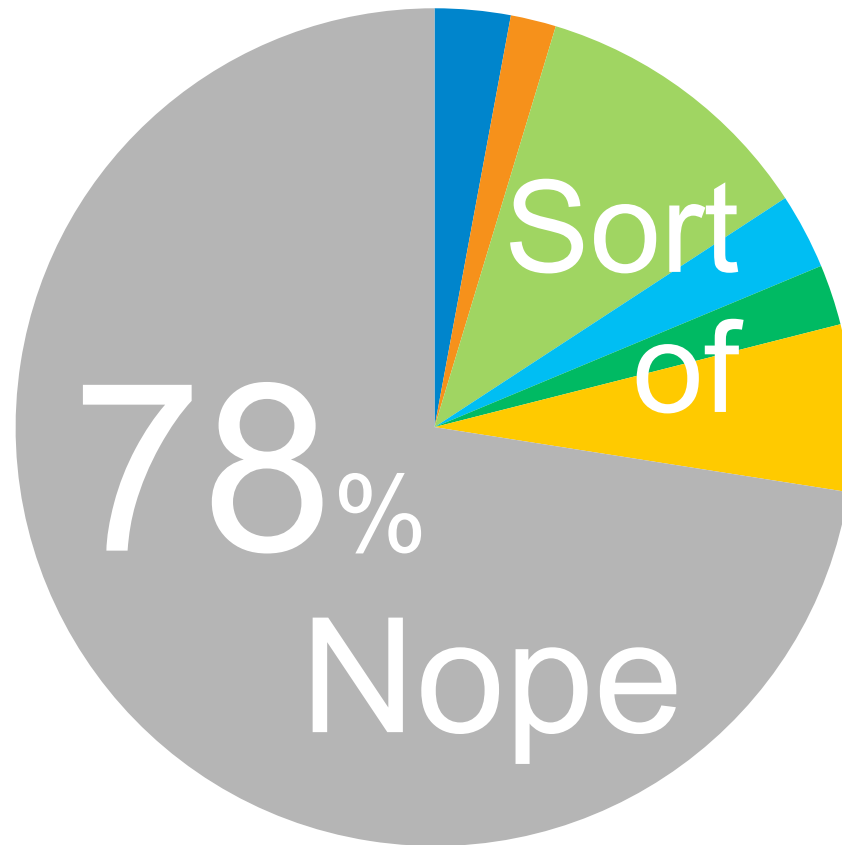
Future

- Outreach
- Workshops
- Mailinglist
orcid-de-dialog@listserv.dfn.de
- Website
<http://www.orcid-de.org>



ORCID DE: survey

- Has ORCID already been integrated at your Institution?

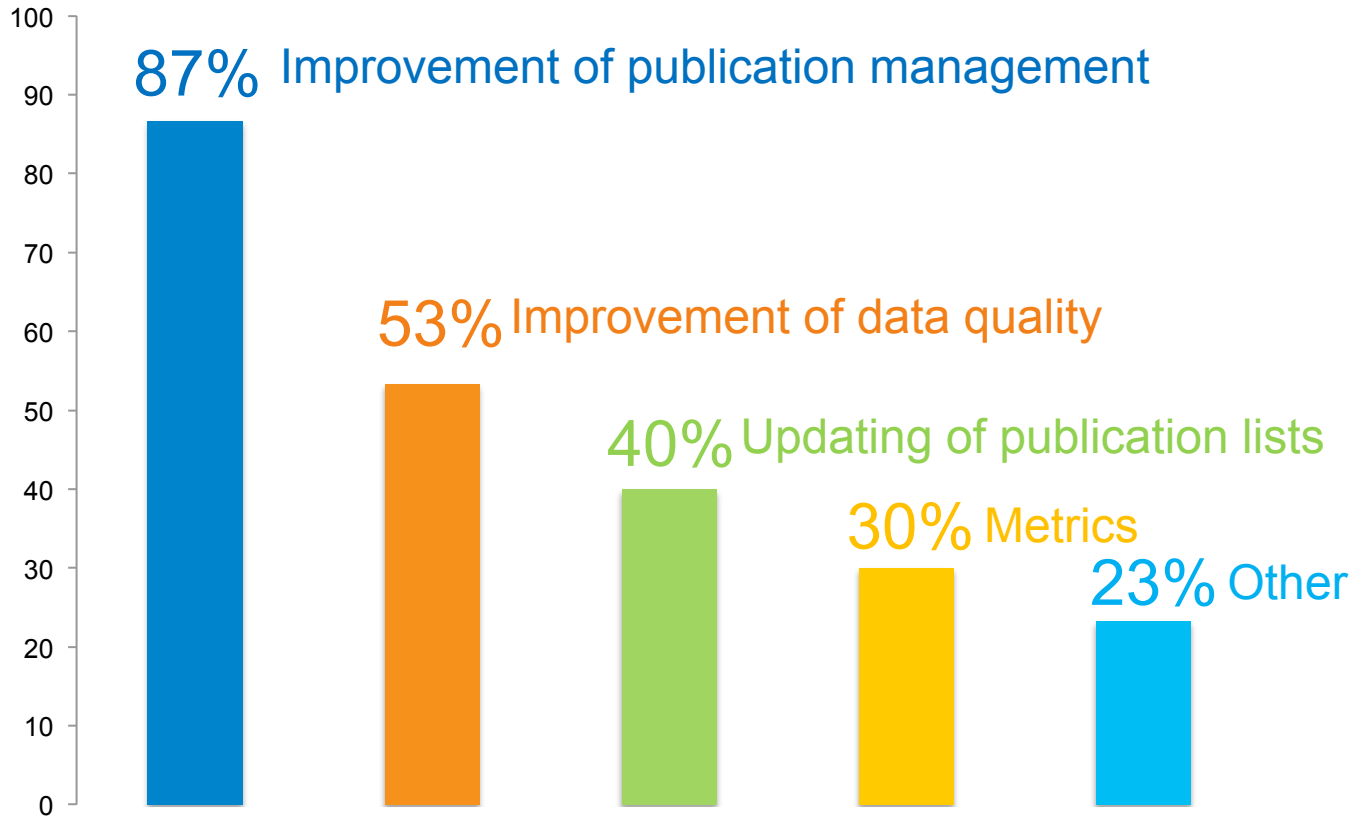


„Wurde ORCID in Ihrer Institution bereits implementiert? [Multiple answers possible]“ (n=158)

To be published in Fuchs, C. et al. (2016): Umfrage zum Stand der Implementierung von ORCID an wissenschaftlichen Einrichtungen in Deutschland.

ORCID DE: survey

- What aspect was pivotal for integrating ORCID?

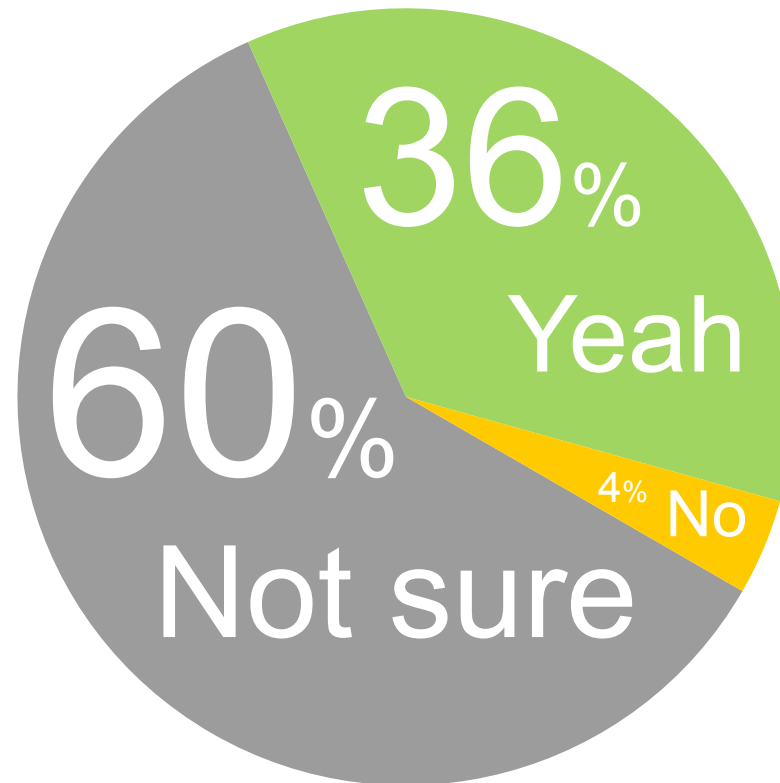


Wenn ja, welcher Aspekt war ausschlaggebend für die Implementierung von ORCID?
[Mehrfachnennung möglich]“ (n=30)

To be published in Fuchs, C. et al. (2016): Umfrage zum Stand der Implementierung von ORCID an wissenschaftlichen Einrichtungen in Deutschland.

ORCID DE: survey

- „Would your institution be interested in an ORCID membership within a consortium?“



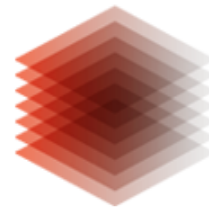
„Käme für Ihre Institution eine Mitgliedschaft im Rahmen eines Konsortiums in Frage?“ (n=128)

To be published in Fuchs, C. et al. (2016): Umfrage zum Stand der Implementierung von ORCID an wissenschaftlichen Einrichtungen in Deutschland.

ORCID Germany Member Community

43 Expressions
of interest

Administrative lead



TIB LEIBNIZ-INFORMATIONSZENTRUM
TECHNIK UND NATURWISSENSCHAFTEN
UNIVERSITÄTSBIBLIOTHEK

15 ORCID Germany
members

Thank you for your attention.

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Further Reading

- Bertelmann, R., Niggemann, E., Pieper, D., Elger, K., Fenner, M., Hartmann, S., Höhnow, T., Jahn, N., Müller, U., Pampel, H., Schirrwagen, J., Summann, F. (2015): ORCID DE – Förderung der Open Researcher and Contributor ID in Deutschland.
 - DOI: <http://doi.org/10.2312/lis.16.01>
- Pampel, H., & Fenner, M. (2016): ORCID – Offener Standard zur Vernetzung von Forschenden. Nachrichten aus der Chemie, 64, 1, 57-58.
 - DOI: <http://doi.org/10.1002/nadc.20164042239>

References

- [1] Wissenschaftsrat (2016): Empfehlungen zur Spezifikation des Kerndatensatz Forschung (Drs. 5066-16). <http://www.wissenschaftsrat.de/download/archiv/5066-16.pdf>
- [2] EC (2016). Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020. Version 2.1. http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf
- [3] Hartmann, S. (2016): ORCID und GND – Brückenschlag zwischen zwei Systemen. <http://nbn-resolving.de/urn/resolver.pl?urn:nbn:de:0290-opus4-25225>