



**SLUB**

Wir führen Wissen.

## **Academic identity management**

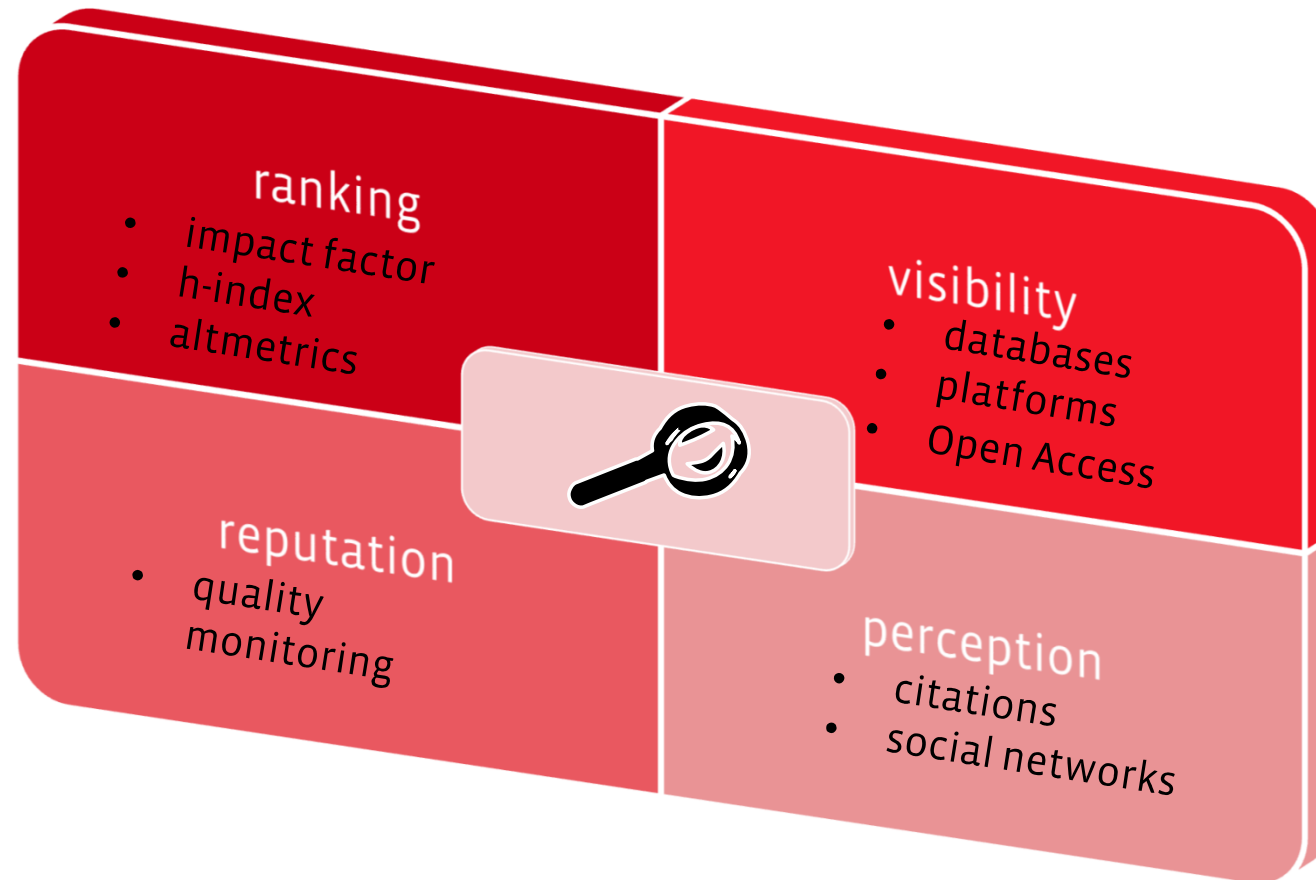
**with author IDs for better visibility of your own research**

**7. Oktober 2021**

# agenda

- academic identity management – why
- academic identity management – approaches
  - author identification
    - ORCID
    - ResearcherID
    - Scopus Author ID
    - Google Scholar Citations
  - institutional affiliation
    - ROR
- Your questions

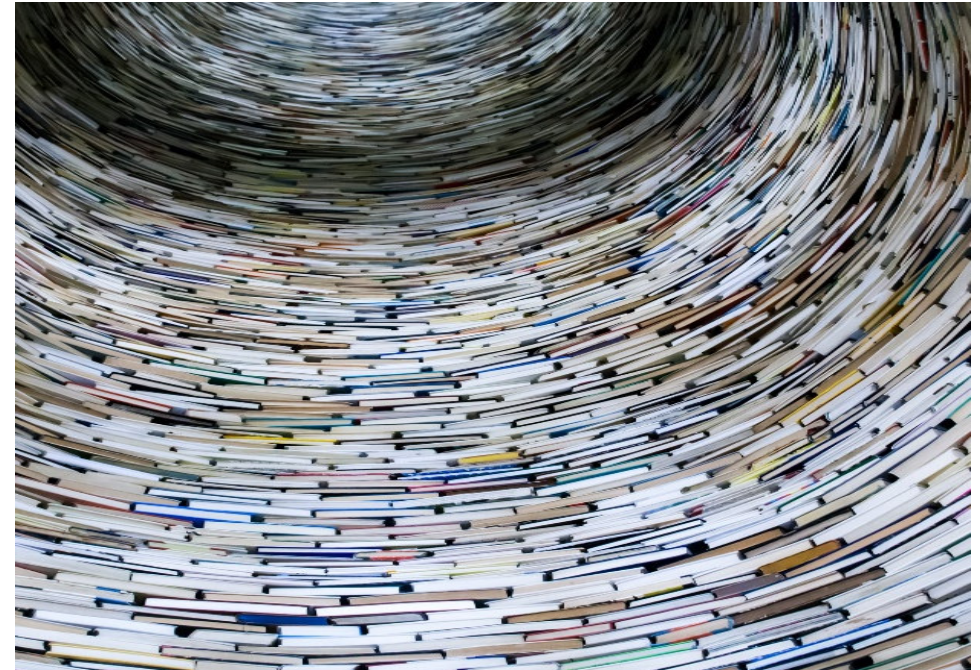
# science communication and publication



# academic identity management

## science communication and publication

- Scientists: 7 – 8 million
- 33,100 active scientific journals in english language with peer-review
- more than 3 million articles per year
- growth rate of journals p.a.: approx. 5 % (long-term trend approx. 3.5 %)

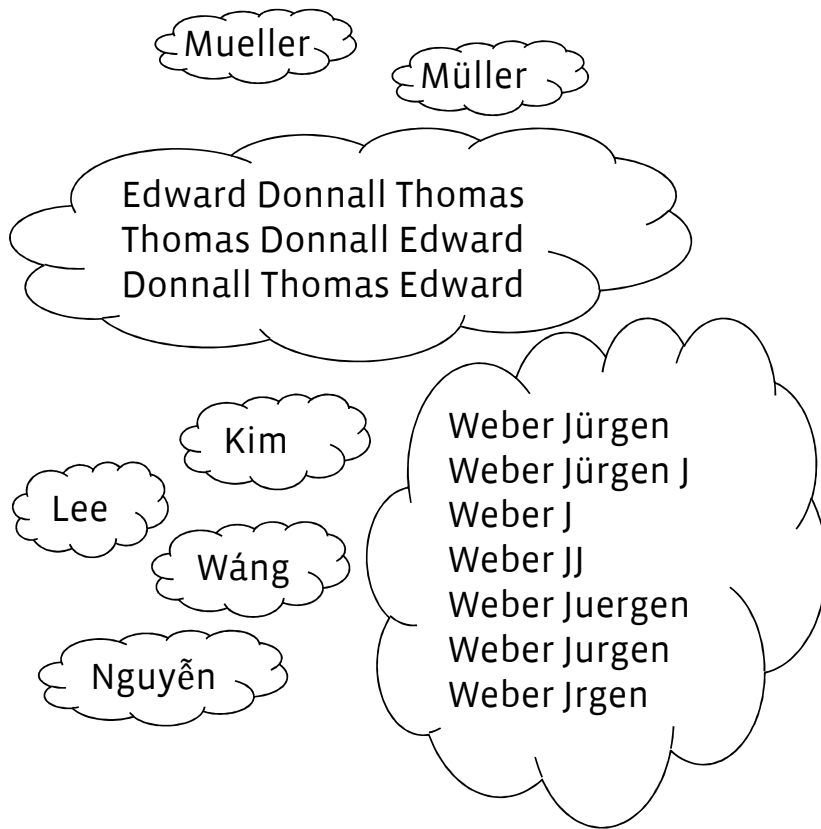


picture: Lysander Yuen on Unsplash

International Association of Scientific, Technical and Medical Publishers. The STM Report. Fifth Edition, October 2018. [https://www.stm-assoc.org/2018\\_10\\_04\\_STM\\_Report\\_2018.pdf](https://www.stm-assoc.org/2018_10_04_STM_Report_2018.pdf)

# academic identity management

## author identification – who is who?



- different people sharing the same name ( and same first name oder initials)
- alternating use of middle names or initials
- different spellings in different languages (including Umlaute)
- different standards of naming in databases
- spelling mistakes in names
- change of names (e.g. marriage)

[https://de.wikipedia.org/wiki/Liste\\_der\\_h%C3%A4ufigsten\\_Familiennamen\\_in\\_Deutschland](https://de.wikipedia.org/wiki/Liste_der_h%C3%A4ufigsten_Familiennamen_in_Deutschland)

[https://en.wikipedia.org/wiki/List\\_of\\_most\\_common\\_surnames\\_in\\_Asia](https://en.wikipedia.org/wiki/List_of_most_common_surnames_in_Asia)

# academic identity management

## assignment of research publications



# academic identity management

## author identification with IDs and profiles



# European Commission & ORCID

## Report of the European Commission Expert Group on Altmetrics 2017

### RECOMMENDATION #8:

” **The European research system and Open Science Cloud should adopt ORCID as its preferred system of unique identifiers, and an ORCID iD should be mandatory for all applicants and participants in FP9.** Unique identifiers for individuals and research works will gradually improve the robustness of metrics and reduce administrative burden. ORCID provides researchers with a unique ID and associates this ID with a regularly updated list of publications. It is already backed by a growing number of funders across Europe (<http://about.orcid.org/>). The EC and ERC should utilise ORCID IDs for grant applications, management and reporting platforms, and the benefits of ORCID need to be better communicated to researchers and other stakeholders.

European Commission Directorate-General for Research and Innovation. Next-generation metrics: Responsible metrics and evaluation for open Science. In: Report of the European Commission Expert Group on Altmetrics. 2017. <https://doi.org/10.2777/337729>





## **publishers & ORCID** examples



” Springer's submission systems and publication workflows support the ORCID (Open Research and Contributor ID) identifier, which is an ID that uniquely attaches your identity to your research work, such as your articles and datasets. The result: no more confusion because another researcher has the same or a similar name. *You* get the credit for *your* work.

<https://www.springer.com/gp/authors-editors/orcid/>



” All BMJ journals publishing primarily original research mandate ORCID iDs for all submitting authors this is published on the final article to promote discoverability and credit. Co-authors and reviewers are strongly encouraged to also connect their ScholarOne accounts to ORCID.

<https://authors.bmj.com/policies/orcid/>

- many more publishers see: ORCID. ORCID Open Letter - Publishers  
<https://orcid.org/content/requiring-orcid-publication-workflows-open-letter>

# TU Dresden & ORCID

## publication guidelines

” „digital identity“

Since of the existing ID management offerings **ORCID** is applicable across systems, its use **is strongly recommended**  
[...]

# author identification with IDs

## ORCID – ORCID iD



- [www.orcid.org](http://www.orcid.org)
- ORCID = publisher-independent non-profit initiative and platform for the creation of a **personal identification number ORCID iD**
- ORCID iD = identifier for scientists, compatible with the International Standard Name Identifier (ISNI) according to ISO-Standard 27729

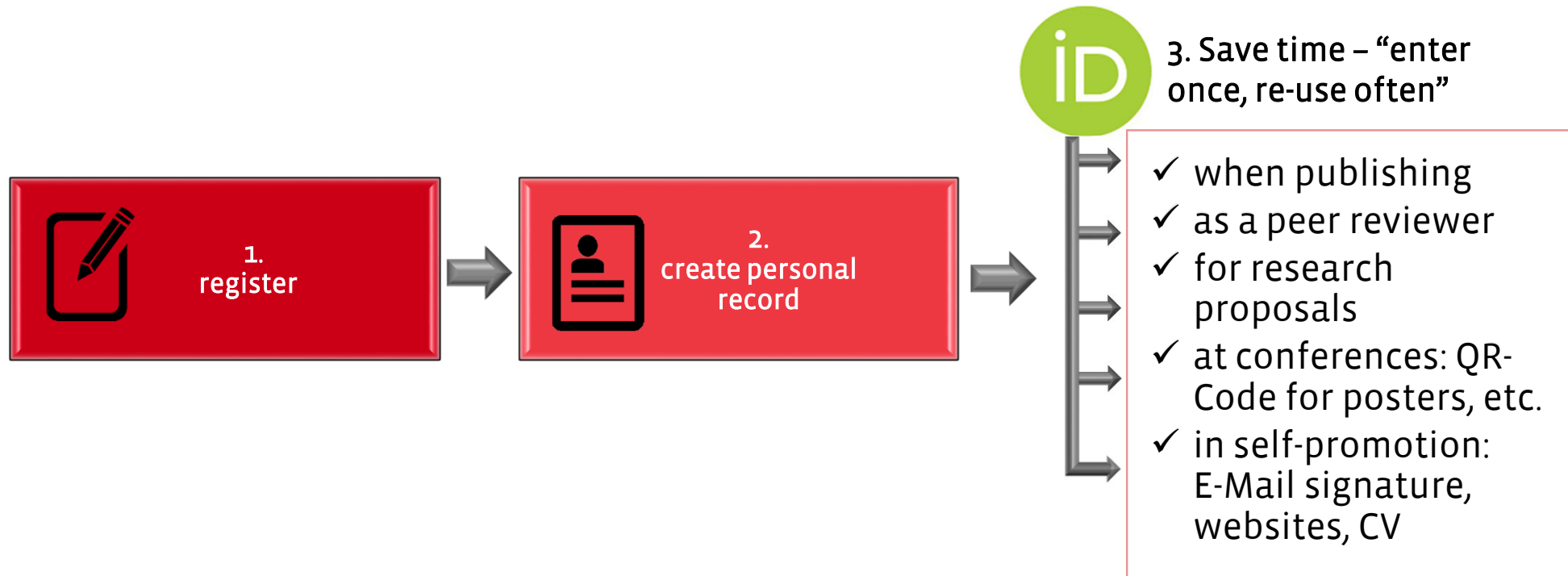
- **clear assignment of publication and author regardless of spelling and frequency of the name**
- **permanent allocation even in the case of a change of name or institution**
- **guaranteed data protection by personal release definitions of access rights for each information section**
- **Improving the visibility of one`s own research achievements through the presentation of publications**
- **links to further IDs: ResearcherID and Scopus Author ID**

more information about ORCID (Video) <https://vimeo.com/97150912>



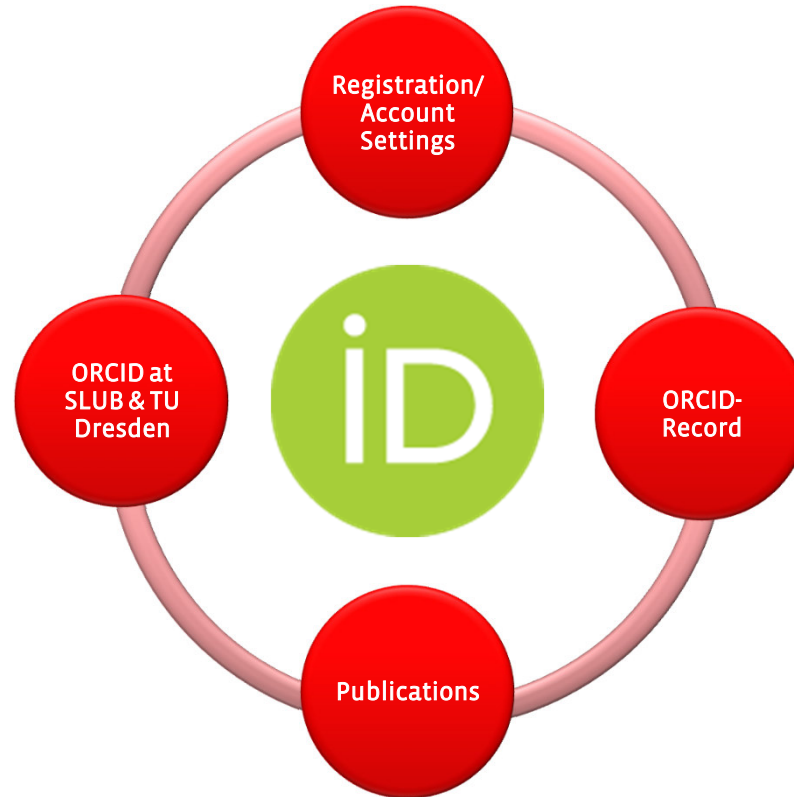
# author identification with IDs

## ORCID iD: from registration to use



# author identification with IDs

## ORCID iD in detail



SLUBtutorial “ORCID in der Praxis. Die eigene Sichtbarkeit auf den Punkt gebracht.”

<https://bildungsportal.sachsen.de/opal/auth/RepositoryEntry/29933699072/CourseNode/1617849315271199006?2>

# author identification with IDs

## ResearcherID (Publons)



- <https://publons.com>
- Publons = Online-Plattform für Gutachter, Herausgeber und Autoren
- Integration von ResearcherID
- Generierung von Zitationsmetriken aus der Web of Science Core Collection

- free registration and assignment of an identification number
- one account can be used multiple times – works simultaneously for personalized services in Web of Science (Search Alerts, Author Alerts, Citation Alerts)
- personal profile and literature lists
- bidirectional data exchange between ResearcherID and ORCID
- NEW: activities in the reviewing community

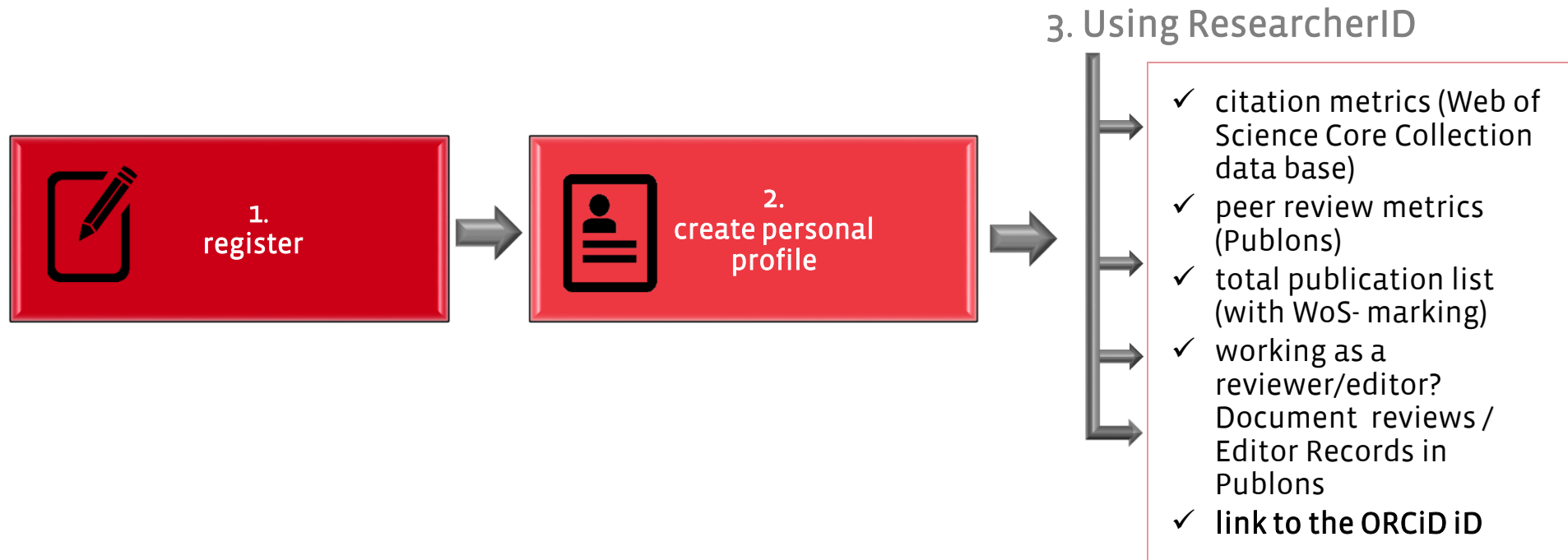
Publon = „minimum unit of publishable material“\*

source Wikipedia. Publons. <https://en.wikipedia.org/wiki/Publons>, retrieved October 21, 2019



# author identification with IDs

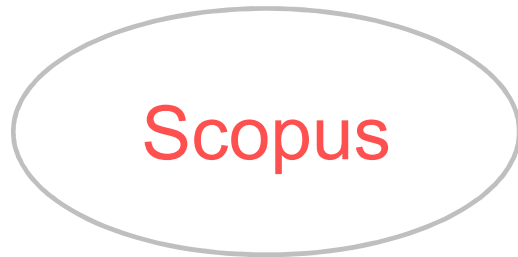
## ResearcherID (Publons): from registration to use



more information on Researcher FAQs: <https://publons.freshdesk.com/support/solutions/5000103279>

# author identification with IDs

## Scopus Author ID



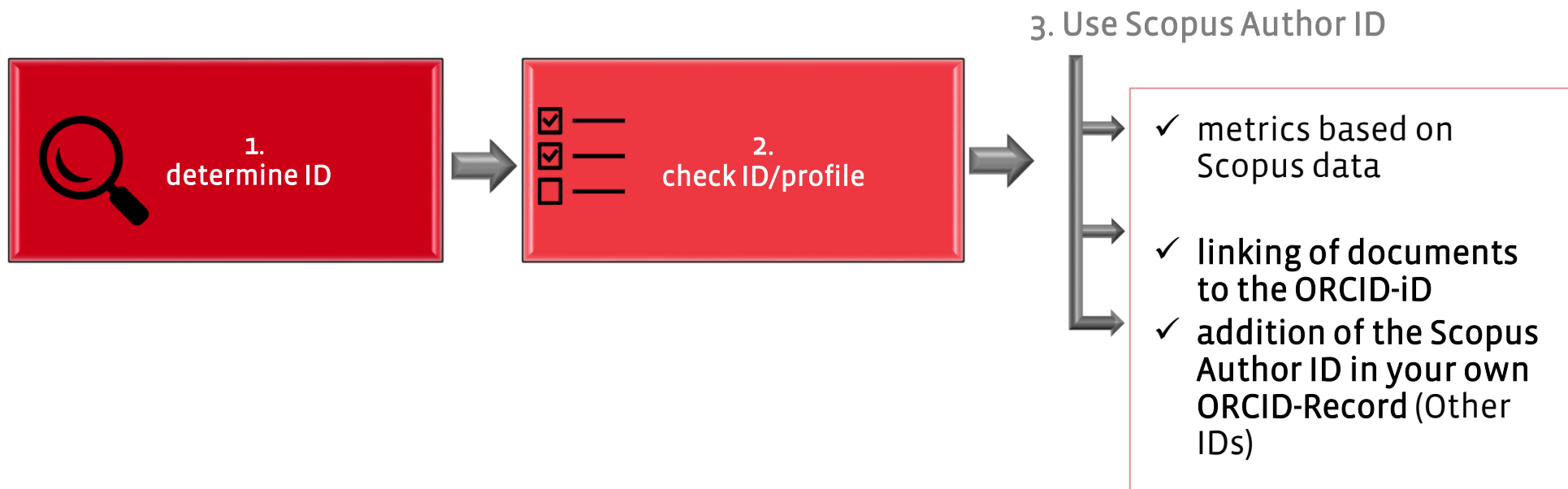
- data base: Scopus (Elsevier)
- ID allocation takes place automatically (attention: multiple creation of IDs possible, check necessary)
- creation of citation metrics from Scopus

- free allocation of an identification number
- information in Scopus via Author Search or in the free Lookup Tool  
<https://www.scopus.com/freelookup/form/author.uri>
- merge and split author profiles via <https://www.scopus.com/authorfeedback> (access for registered users only)



# author identification with IDs

## Scopus Author ID: from registration to use



further information to Scopus Author Profile: [https://service.elsevier.com/app/answers/detail/a\\_id/29506/#](https://service.elsevier.com/app/answers/detail/a_id/29506/#)

# author identification with Google Scholar Citations

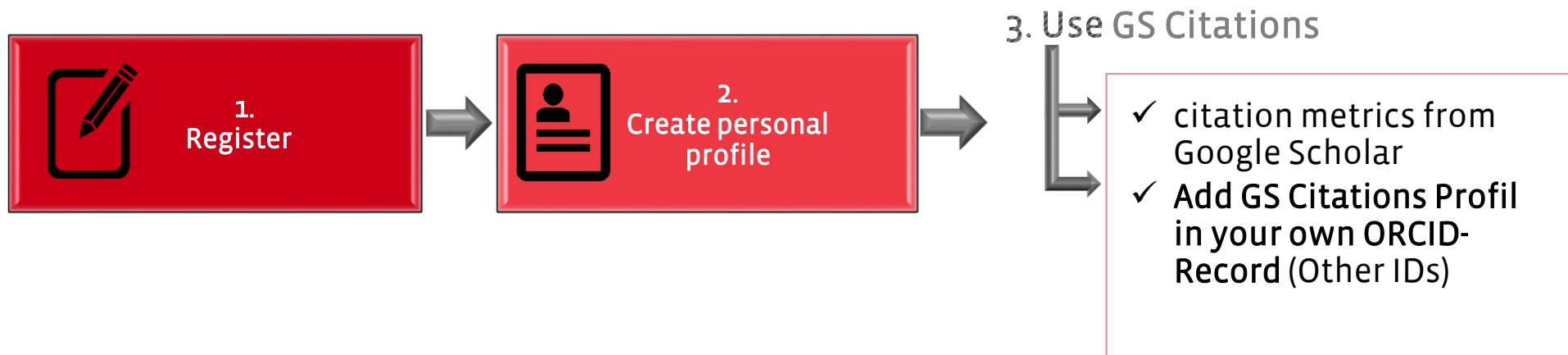


- data base: Google Scholar engine
- registration with Google Account
- ORCID assignment possible
- creation of citations metrics from Google Scholar

- free registration
- personal profile and literature lists
- no user feedback possible if corrections are necessary, as Google Scholar retrieves scientific servers only at the time of searching

# author identification with Google Scholar Citations

## from registration to use



further information on Google Scholar Citations: <https://scholar.google.com/intl/en/scholar/citations.html>

# author identification at a glance

	ORCID iD	Publons / ResearcherID	Scopus Author ID	Google Scholar Citations
registration	✓	✓ (in Publons)	automatic assignment (attention: multiple IDs possible)	✓
user profile	✓	✓	✓	✓
publication list	✓ (database independent)	✓ (database dependent)	✓ (publications in Scopus)	✓
data import	from partner organizations, publishers, PubMed ID, arXiv ID, DOI, own BibTex-files, manually	from Web of Science, ORCID, DOI, PubMed_ID, arXiv, RIS-, CSV-, BibTex-files, manually	from Scopus	from Google Scholar, manually
control of access rights	✓	✓ (visibility of metrics)	✓	✓
citation metrics	n.a.	✓ (for publications in WoS)	✓ (for publications in Scopus)	✓
Data source/provider	Open Source Initiative, publisher independent	Web of Science Source Collection (Clarivate Analytics)	Scopus (Elsevier)	Google Scholar
Interesting for whom	all authors, reviewers, discipline independent	authors with publication records in Web of Science, reviewers	authors with publication records in Scopus	all authors, especially disciplines that are less represented in WoS or Scopus

# author identification

prospects: autonomous and open integration of profiles by ORCID



Quelle: [https://figshare.com/articles/Selection\\_of\\_ORCID\\_integrations\\_-\\_visual\\_representation/4644991/1](https://figshare.com/articles/Selection_of_ORCID_integrations_-_visual_representation/4644991/1)

# academic identity management

## Institutional affiliation

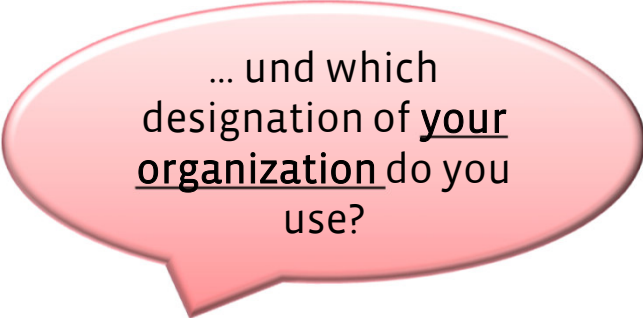


## institutional affiliation

= university name and name of your organizational unit



TECH UNIV  
TECH UNIV DIERDEN DRESDEN  
TECH UNIV DRESDAN  
TECH UNIV DRESDE  
TECH UNIV DRESDEN  
TECH UNIV DRESEN  
TECH UNIV TECHNOL  
TECHN UNIV  
TECHP UNIV DRESDEN  
TEHN UNIV DRESDEN  
TUDRESDEN  
TUD  
UNIV TECH UNIV DRESDEN  
UNIV TECHNOL  
UNIV TECHNOL TU DRESDEN  
UNIV UNIV DRESDEN  
DRESDENER TECHNOL UNIV  
DRESDENS UNIV TECHNOL



... und which  
designation of your  
organization do you  
use?

?

\*examples for address information of the Technische Universität Dresden in Web of Science Core Collection – found via „Organizations – Enhanced List”

# institutional affiliation

## publication guideline of the TU Dresden



### Indicating institutional affiliation

All publishing members of TU Dresden need to indicate their formal affiliation to TU Dresden in all publications by indicating the **name of the university clearly and correctly**. [...]

### Specification of affiliations to other, subordinate organisational units

[...] followed by the name of one organisational unit. In the case of further subordinate organisational units of TU Dresden, such as School, faculty, centre, institute, etc., they need to be separated by commas. **The official and correct spelling of the organisational unit(s) is to be used in all cases** – also in an international context.



# institutional identifier

## solutions and prospects : Research Organization Registry ROR



### History

- In recent years, various institutional identifiers have emerged : GRID ID, ISNI, Ringgold, Crossref Funder ID, Wikidata, ..., ROR.
- Until now, there has been no infrastructure independent of the commercial interests of a particular service provider.

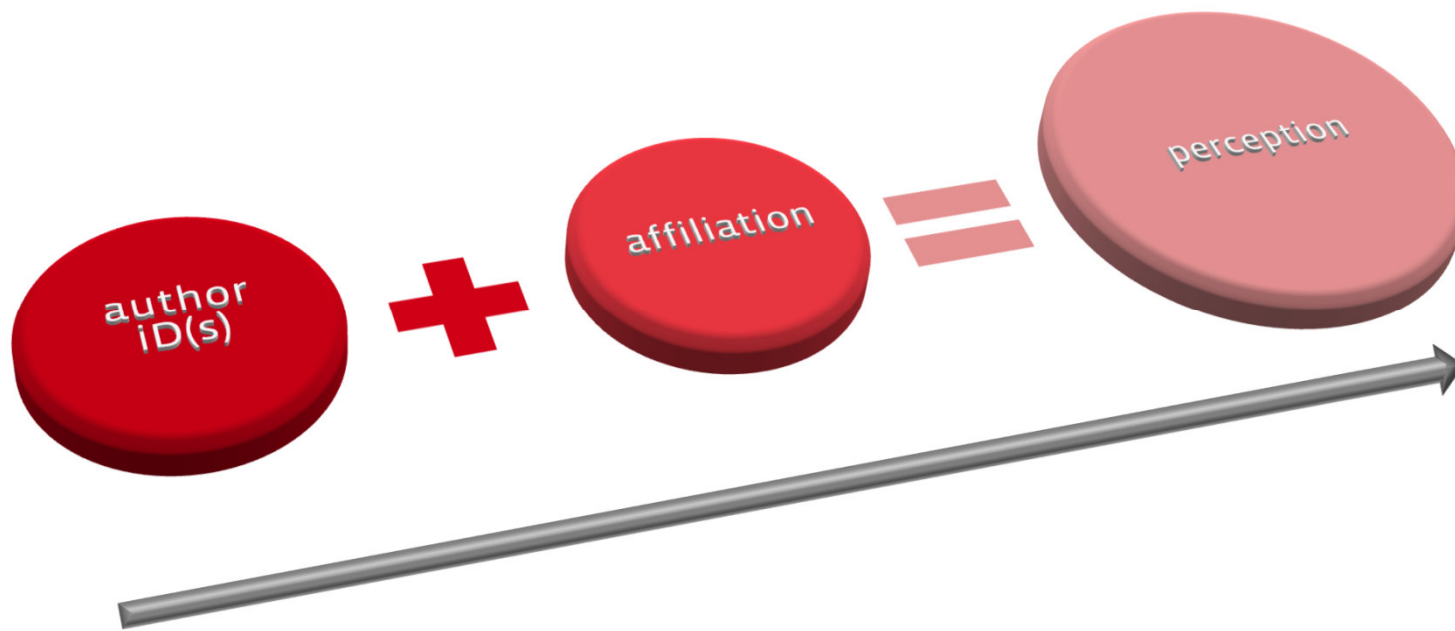
### Prospects with ROR

- has developed in parallel to GRID-ID and will take over its role and further development as of Q4 2021
- is an open (CCo) and non-commercial directory of organisation IDs & metadata
- is focused on affiliations (i.e. indication of institutional affiliation)
- aims to link research outputs and research organisations
- is a community-driven initiative

### Interesting for authors

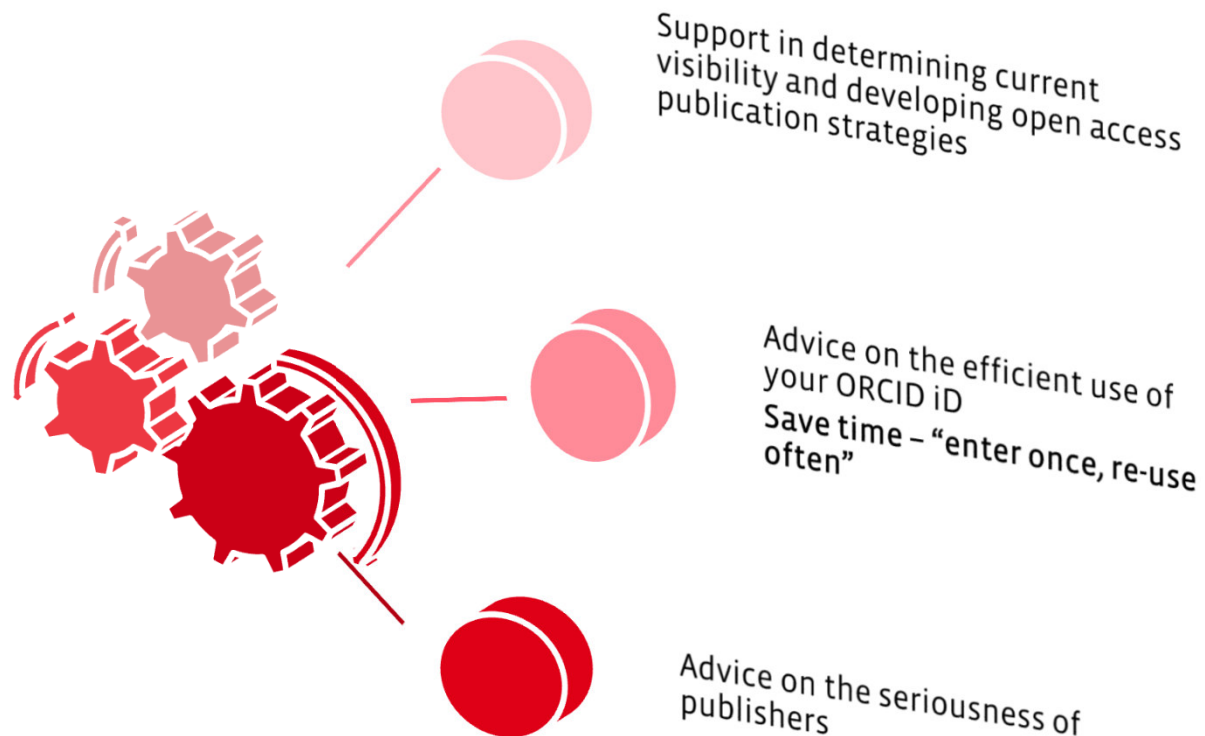
- first publishers integrate ROR in their publication process
- e.g.: Rockefeller University Press <https://www.crossref.org/blog/publishers-are-you-ready-to-ror/>

# conclusion



## Our service for You

Determine your location – discover paths – avoid traps



# contact

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<http://slubdd.de/bibliometrie>

## Knowledge Bar

We are currently unable to offer on-site counselling, but our experts are happy to provide advice online (e.g. via DFNconf audio/video) or by telephone. An individual solution can be found for every booked appointment.

### Select a topic



# questions & feedback

