

ORCID myths and misconceptions, and the search for truth in the context of current research information systems (CRIS)



ORCID

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Probably the very first misconception to start with:
same pronunciation – very different thing



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Agenda



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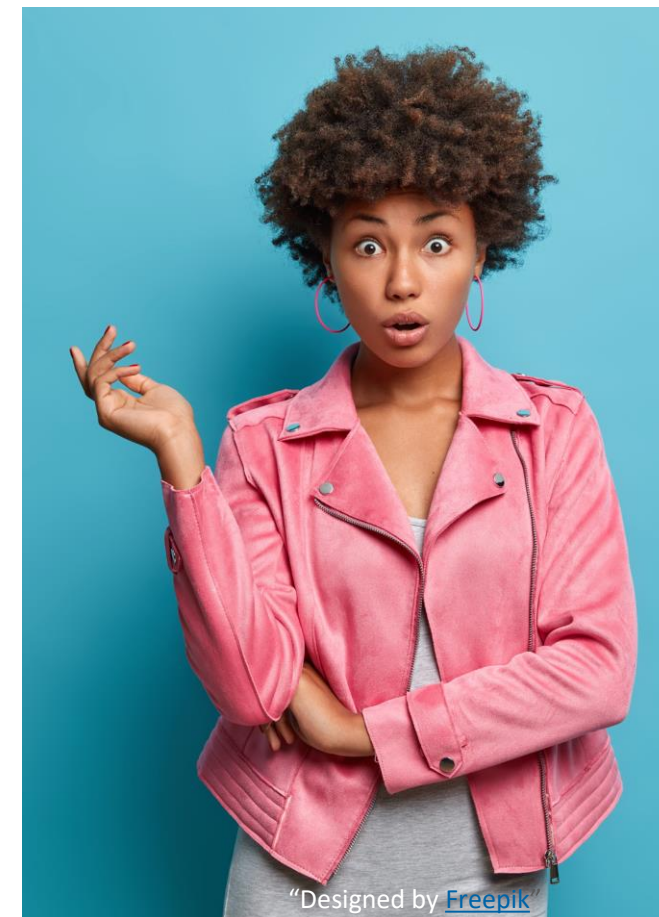


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Join us for some ORCID myth busting at our conference campfire



Myths and misconceptions around costs

The myths:

- *ORCID is a commercial organization!*
- *Creating an ORCID iD costs money!*

The truth:

- ORCID is a **non-profit** organization.
- Registering for an ORCID iD is **free for individuals**.
- Institutions can enjoy fee-based services around ORCID either as institutional members or by joining a consortium (sustainable **membership model** and governed by an Executive Board).



Myths and misconceptions around data privacy

The myths:

- *ORCID is an intrusive tracking tool!*
- *ORCID collects, stores, shares and sells detailed personal information!*
- *There is no privacy control in ORCID!*

The truth:

- ORCID primarily aims to solve the problem of name ambiguity in research and scholarship while **respecting privacy**.
- ORCID does **neither track nor sell personal data**.
- ORCID allows users to control the visibility of their information and what is shared. **Users can adjust privacy settings for each piece of information** in their ORCID record, controlling what is public, limited to trusted parties, or private.



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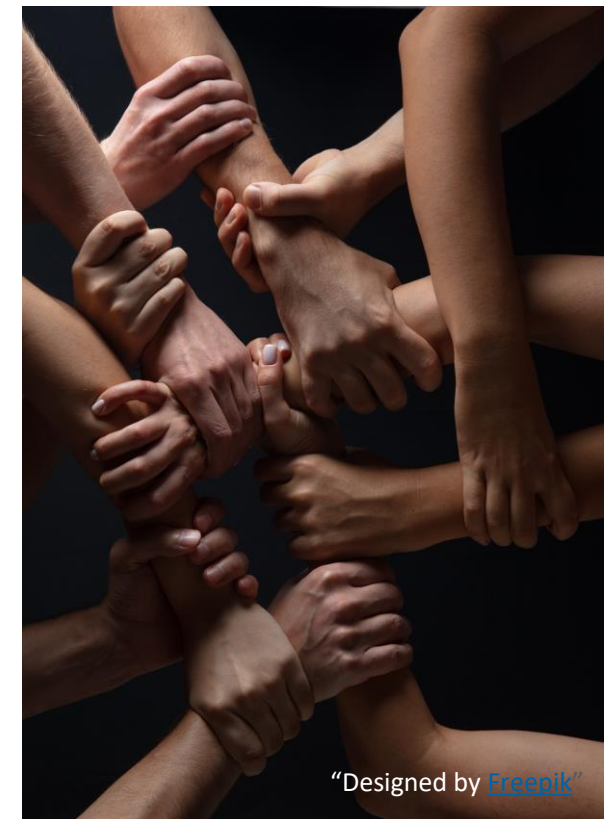
Myths and misconceptions around usefulness, maintenance and integration

The myths:

- *ORCID is just another research profile product like Google Scholar profiles, ResearchGate, Academia.edu, Mendeley and not very useful!*
- *ORCID iDs are difficult to maintain and integrate!*
- *ORCID replaces institutional repositories or personal websites!*

The truth:

- ORCID is NOT a research profile product but **a registry** and an increasingly important part of the global research information infrastructure.
- In fact, having an ORCID iD will make it much easier to keep your other research profiles up to date. The ORCID interface is designed to be **user-friendly**, and **integrating data can often be automated** through ORCID's connections with other databases.
An increasing number of publishers, funding bodies, and academic institutions are **requiring ORCID iDs for submissions and applications**, recognizing its value in **streamlining workflows** and **ensuring proper attribution**.
- ORCID **complements other systems** by providing a **standardized digital identifier** that can link to diverse outputs and profiles.



Myths and misconceptions around the intended audience



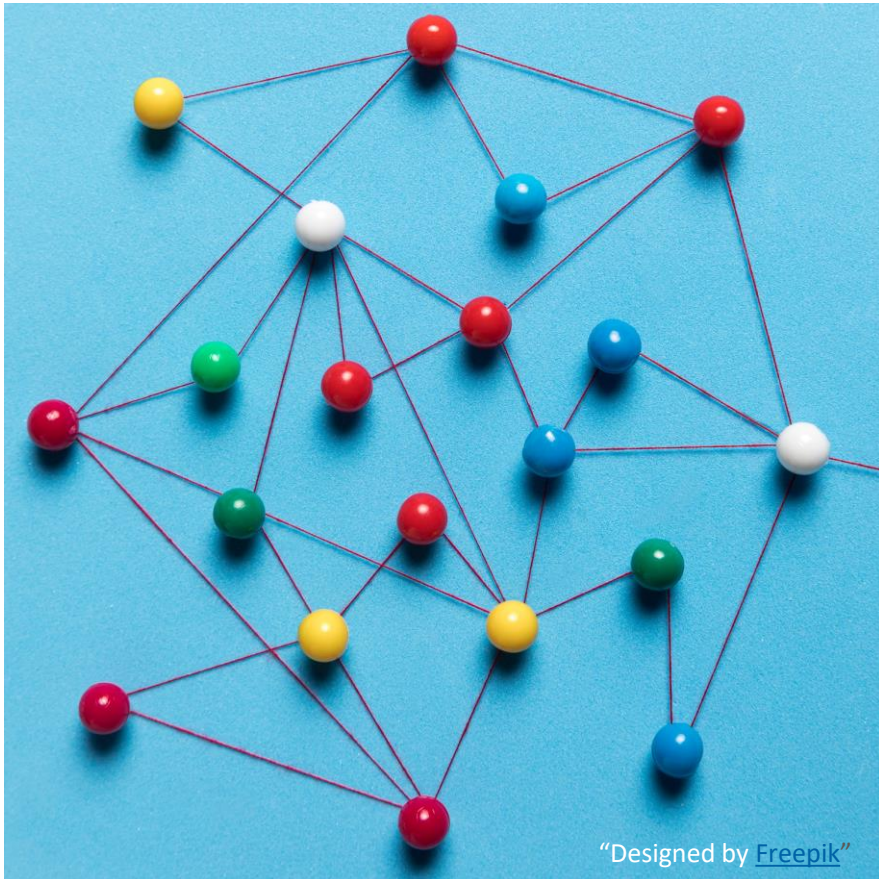
The myths:

- *ORCID is only for academics!*
- *ORCID is only for researchers in the sciences!*
- *ORCID is only beneficial for established researchers!*

The truth:

- ORCID is **also for all professionals** involved in research, innovation, scholarly communication, research management, publishing, and policy **outside traditional academic roles**.
- ORCID enables scholars in humanities, arts, social sciences, and sciences to distinguish their work. It **supports cross-disciplinary research visibility and collaboration**.
- Even **PhD students and early-career researchers** can greatly benefit from an ORCID iD to build their professional identity and ensure their work is **recognized from the very start**.

Myths and misconceptions around metadata interoperability



The myth:

- *ORCID Metadata does not align with any other metadata schema!*

The truth:

- In every ORCID implementation there must be an alignment in the schemas and a mapping process between ORCID metadata and the end system's metadata.
- ORCID drafted a [best practice document around ORCID Works Metadata](#)
- ORCID Metadata [meets FAIR principles](#)

ORCID in a nutshell [\(https://info.orcid.org/what-is-orcid/\)](https://info.orcid.org/what-is-orcid/)

In order to realize our vision, ORCID strives to enable transparent and trustworthy connections between researchers, their contributions, and their affiliations by providing a unique, persistent identifier for individuals to use as they engage in research, scholarship, and innovation activities.

We do this by providing three interrelated services:

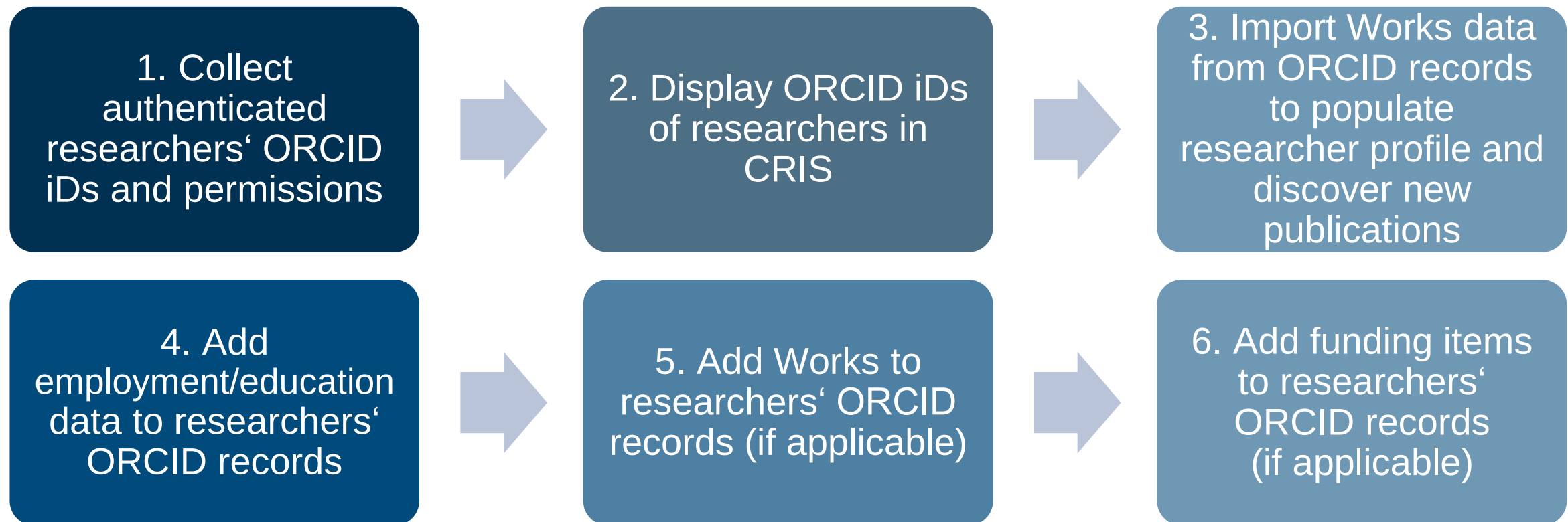
	The ORCID iD: a unique, persistent identifier free of charge to researchers
	An ORCID record connected to the ORCID iD, and
	A set of Application Programming Interfaces (APIs) , as well as the services and support of communities of practice that enable interoperability between an ORCID record and member organizations so researchers can choose to allow connection of their iD with their affiliations and contributions

The ORCID iD alone does not
(and PIDs in general do not)
provide much value.

The value comes through **embedding** PIDs in other systems, **connecting** to them, **visualizing connections**, and **leveraging** relationships.



ORCID-CRIS Synergy



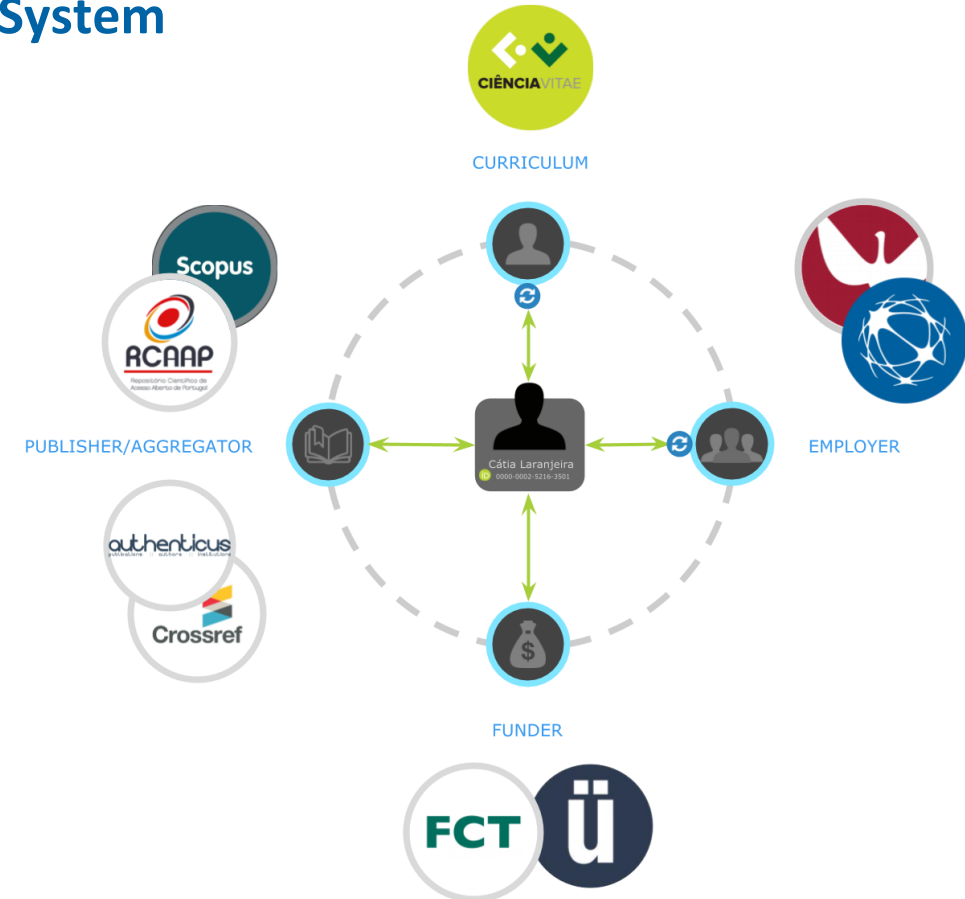
Case study – Portuguese Current Research Information System

- **PTCRIS** (Portuguese Current Research Information System) is a **programme**, officially initiated in May 2014.
- Developed by the **FCCN** (Fundação para a Computação Científica Nacional).
- PTCRIS aims to ensure the creation and sustained development of a **national integrated information ecosystem**, to support research management according to the best international standards and practices.
- **ORCID is used as a central hub for information exchange** between the various national systems:
 - CiênciaVitae (National CV platform)
 - National Open-Access repositories (RCAAP)
 - Local CRIS systems
 - International systems (WoS, Scopus, Datacite, etc.)

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Case study – Portuguese Current Research Information System

- Example of the **interoperability in a national information ecosystem**
- +100,000 connected ORCID records and ca. 75,000 updated ORCID records
- 3M publications added and 200,000 funding metadata added to ORCID records



Case study – Pure

- **Pure** integrates data sources for publications, projects, grants and collaborations into a **centralized platform**.
- The ORCID integration in Pure enables **interoperability and full data synchronisation**.
- Both systems **enhance research visibility and impact** through curated profiles.
The information added to ORCID **adds a layer of trustworthiness** to ORCID records.
- This **automation streamlines workflows, reduce administrative burdens** and automate data entry, **enhancing researchers' productivity**.

Investigating SSH Research and Publication Practices in Disciplinary and Institutional Contexts.

Frontiers in Research Metrics and Analytics

2019-04-11 | Journal article | Author

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Source:  University of Vienna - u:cris



Case study – Pure

The ORCID integration in PURE allows:

- Data **import** from ORCID records (**works**) to Pure.
 - Data **export** from Pure to ORCID records (**employment, education, works, other identifiers and URLs**).
 - **ROR** is now supported as an identifier **for organizations**.
 - **ORCID iDs are not editable: this ensures the data is always attributed to the correct researcher.**
-
- 53% of all ORCID integrations are active via an **ORCID Service Provider**.
 - Out of these 53% → **16.5%** (149 ORCID members) are using the ORCID integration in **Pure**.
 - **Pure ranks second as the most utilized ORCID Service Provider.** The first one is OJS, being used by 18.6%.

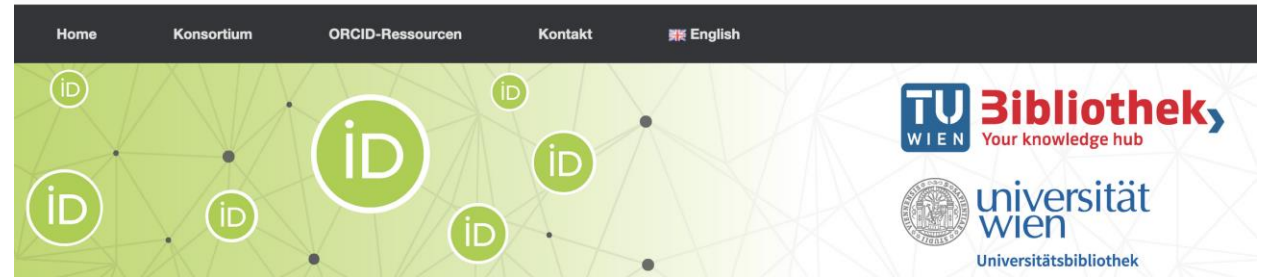
ORCID in Austria



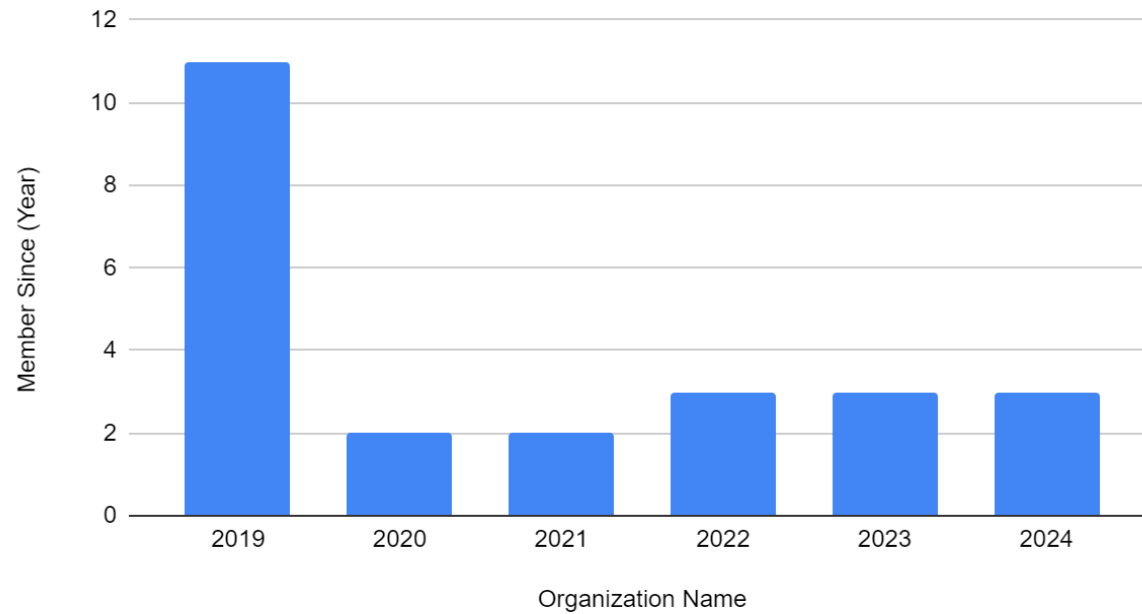
“One of the main aims of the ORCID Austria Consortium is to establish ORCID as the primary unique person identifier for researchers in the Austrian research ecosystem” –
ORCID Austria Consortium Lead

ORCID member organizations in Austria

ORCID Austria



New organizations per year

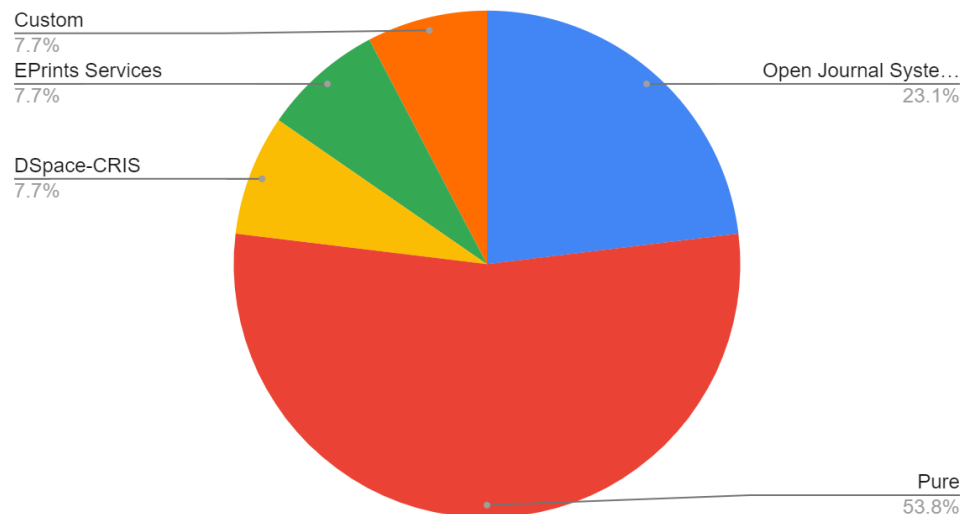


2019 marks the start of the **ORCID Austria Consortium** with 11 organizations. It now comprises **24 organizations in 2024**.

Active ORCID integrations in Austria

- 92.3% of the ORCID integrations in Austria are ORCID **Certified Service Provider** integrations
- **Pure** is the number one system
- **CRIS** rank as the top systems in populating ORCID records and, therefore, in enhancing the interconnected infrastructure.
- **Pure** is the most active system updating ORCID records

Active Integrations in Austria



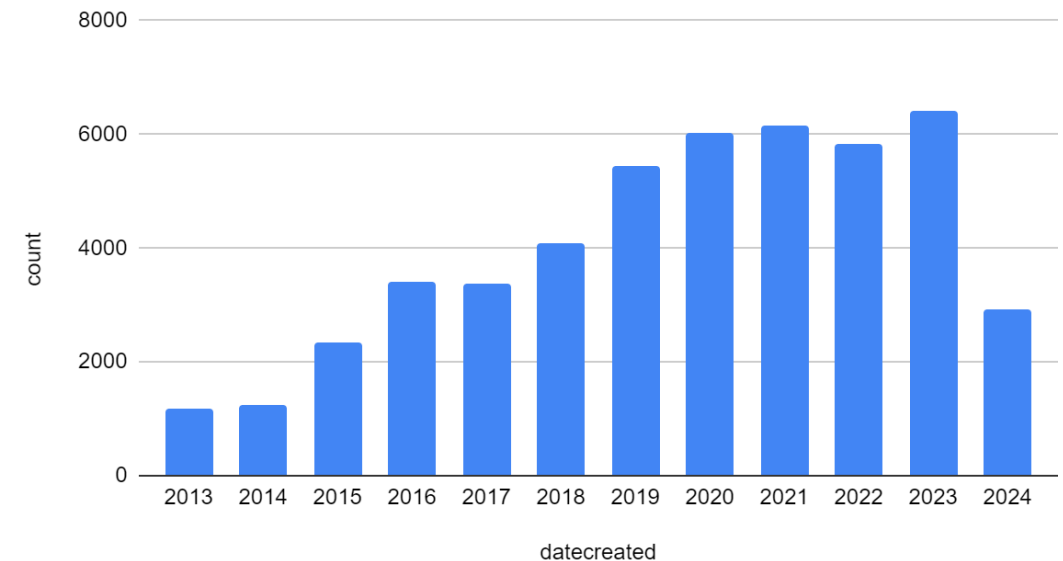
ORCID users in Austria

- Users having an ORCID record with **email domain “.at”** have greatly increased since the ORCID Consortium in Austria was formed in 2019.
- There are currently **48,443** ORCID records registered with “.at” email address.
- Austria is one of the countries with the most active ORCID records, **36,125 = 72%***.

**"numbers from April 23rd, 2024"*

**An active record is an ORCID record used within the last year.*

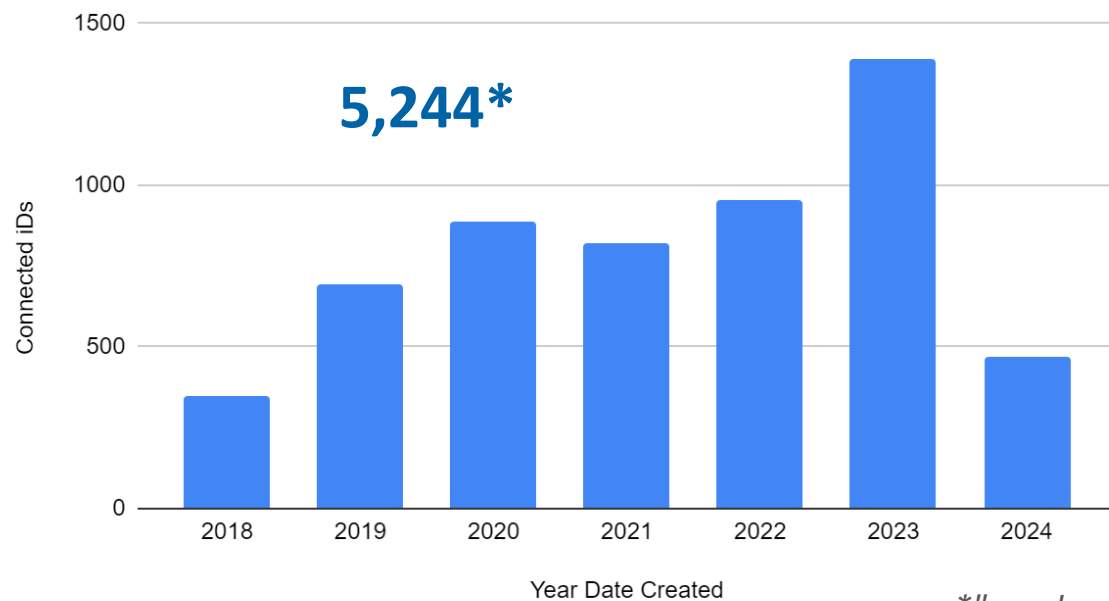
ORCID users with email .at



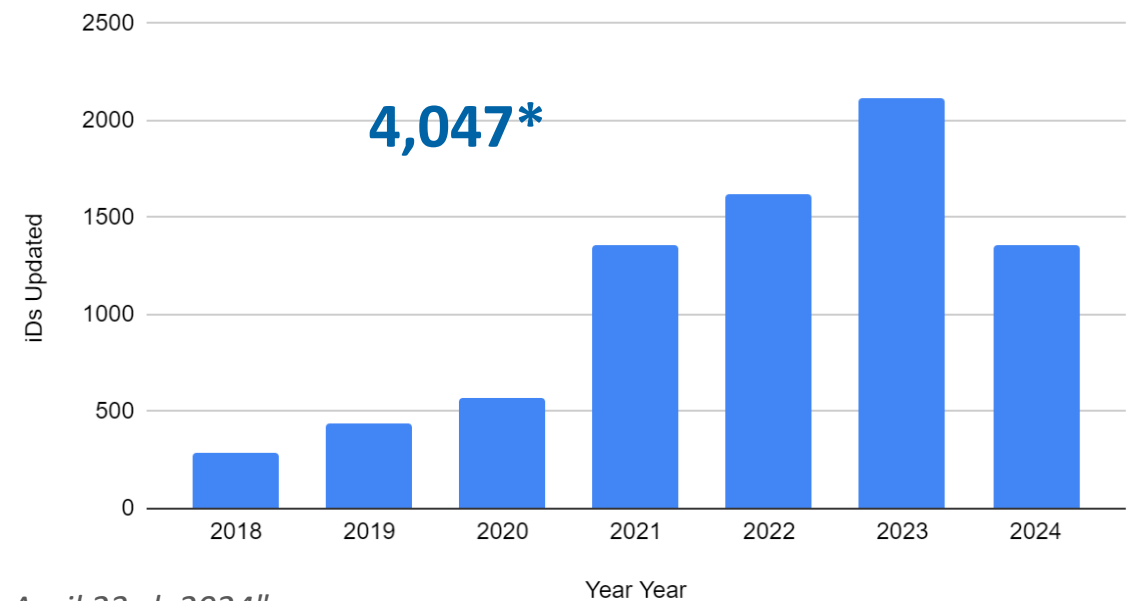
Impact of the integrations in Austria

Steady increase of connected and updated ORCID records, enabling the interoperability in the Austrian research ecosystem.

Connected iDs per Year



ORCID records updated per year



**"numbers from April 23rd, 2024"*

Perceived issues and obstacles with ORCID

Technical issues

- Complexity
- Interoperability
- Data Privacy and Security

Policy issues

- Recommendations vs. mandates
- Standardization
- Governance

Communication issues

- Awareness and adoption
- Training and support
- Stakeholder Engagement

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Effective strategies and recommendations for implementing ORCID

- 
- Secure institutional support
 - Develop a clear policy
 - Integrate ORCID at key points
 - Automate data exchange
 - Ensure data privacy and security
 - Communicate benefits clearly
 - Provide training and support
 - Monitor and report on adoption
 - Encourage the research community's active participation
 - Review and iterate

In conclusion, while technical and policy issues lay the foundation for integrating ORCID into CRIS systems, **communication is the key** to unlocking its full potential, ensuring widespread adoption, and leveraging ORCID to enhance the visibility and impact of research outputs.



