

Your IP is unique: what about your name?

WIPO Standards Workshop on Name Standardization

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ORCID

Connecting Research
and Researchers

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What's in a Name?

Most names are not unique



Many people have the same name

Names may change through marriage or other circumstances



People use different versions of their name during their career

Individuals use different alphabets, abbreviations, or naming conventions



Tackling Information Overload

ORCID is a non-profit organization, which provides a fully open and interoperable identifier to reliably connect researchers with their research contributions. The ORCID iD is a 16-digit identifier that researchers can register for and use for free.

Connects individuals and their professional contributions across disciplines, organizations, and time

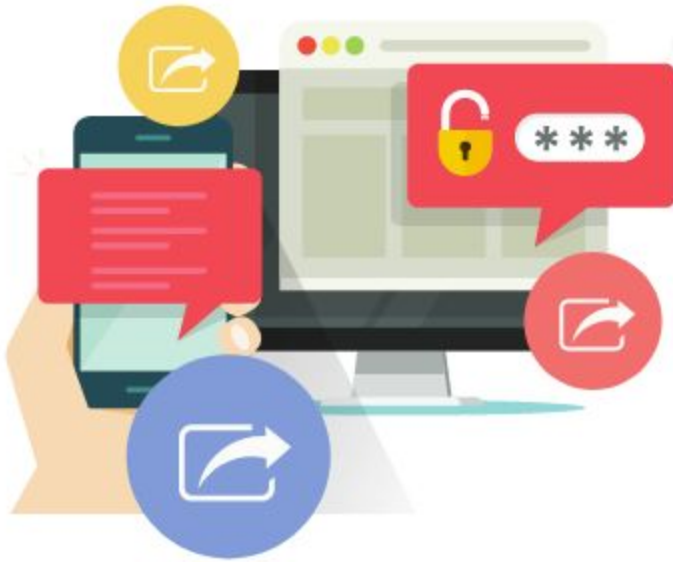


Enables recognition of all types of research contributions and innovation

Helps research institutions, funders, publishers, and other organizations better track and support research work



How ORCID Works



- It's a **registry** of unique persistent identifiers for researchers
- It's a **hub** that connects researchers with their professional activities and contributions
- It's a global **community** that enables researchers to share their data with other individuals, organizations, and systems

ORCID PRINCIPLES

- Individuals own their iD and control access to their record
- ORCID is an open shop: open (CC0) data and documentation, open source code (MIT)
- We have transparent governance by our members
- We are a community organization and we work with everyone



ORCID'S VISION IS A WORLD WHERE ALL WHO
PARTICIPATE IN RESEARCH, SCHOLARSHIP, AND INNOVATION
ARE UNIQUELY IDENTIFIED AND CONNECTED TO THEIR
CONTRIBUTIONS AND AFFILIATIONS ACROSS TIME,
DISCIPLINES, AND BORDERS.



Open
Researcher
and
Contributor
IDentifier



HORIZON 2020

Guidelines to the Rules on Open Access to Scientific Publications and Open Access to Research Data in Horizon 2020

*“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).”*

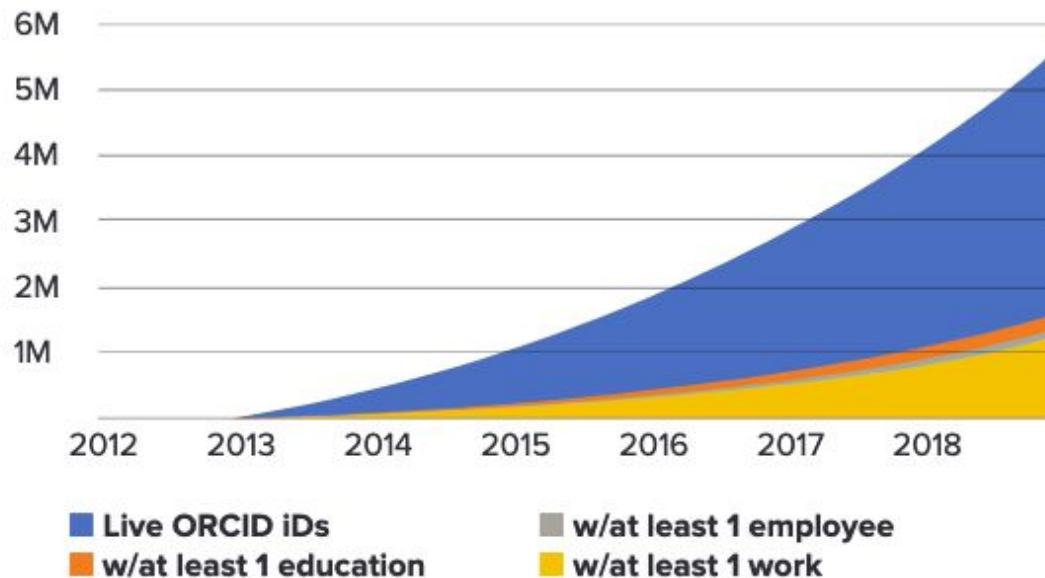


Hundreds of members and systems use ORCID globally

6.3 MILLION+

live ORCID iDs registered since its 2012 launch

Connections to ORCID records



- 3.7 ORCID iDs created every minute
- 193 different languages included in ORCID records
- 73.6% of records have granted update permissions
- 1.97 record updates made per second

Source: [Orcid.org/statistics](https://orcid.org/statistics) as of November 2018



How Organizations and Researchers Benefit

INSTITUTIONS

- Save time and reduce errors with automated information-sharing and cross-system interoperability
- Manage your organization name and your researchers' connections with it
- Maintain links with your researchers - past, present, and future



RESEARCHERS

- Improve recognition and discoverability of their research
- Spend more time doing research, less time managing it
- Control and manage a trusted and easily shareable record of their research activities and affiliations – for free

IDENTIFIERS FOR PEOPLE, PLACES, AND THINGS

ORCID iD	First/given name	Last/family name	Other names	Affiliations
https://orcid.org/0000-0002-1701-6370	Matt	Buys		Scion, South African National Biodiversity Institute, North-West University, University of Stellenbosch Faculty of Science
https://orcid.org/0000-0001-7234-3684	Matt	Buys	Matthew Buys, MJ Buys, M Buys, Matthew J Buys	ORCID, University of the Witwatersrand, Wits Business School



LEI

GLOBAL
LEGAL
ENTITY
IDENTIFIER
FOUNDATION



ORCID & OTHER PERSON IDENTIFIERS

ORCID connects person identifiers on a global scale, including ISNI, ResearcherID, and Scopus Author ID

Step 1: Use ISNI Linker Search

ISNI

ISNI Linker Search the ISNI registry by your name and link your ISNI record to your ORCID external identifier. The International Standard Name Identifier (ISNI) is a recognized global ISC for the unique identification of contributors to creative activity. The ISNI acts as a bridge facilitating the linking of identifiers used by research libraries around the world to support dislinking your ORCID with your ISNI record, you build the foundation for linking information

Step 4: Uniquely identified based on ISNI

Laurel L Haak

ORCID iD

<https://orcid.org/0000-0001-5109-3700>

[View public version](#)

[Switch account](#)

[Display your iD on other sites](#)

[Public record print view](#)

[Get a QR Code for your iD](#)

Also known as

L. L. Haak, L Haak, Laure Haak,
Laurela L Häka, ローレル・ハーウ

Other IDs

Scopus Author ID: 6602258586

ResearcherID: C-4986-2008

ISNI: 0000000138352317

Step 2: Provide authenticated connection

ORCID

Laurel L Haak

<https://orcid.org/0000-0001-5109-3700>

(Not You)

ISNI

has asked for the following access to your ORCID Record



Add/update other information about you (country, keywords, etc.)

This application will not be able to see your ORCID password or any other information in your ORCID record with visibility set to Only me. You can manage permission granted to this and other Trusted Organizations in your account settings.

Authorize

Deny

Step 3: Create link with ISNI

Any Phrase (APH): sort by: name

YOB:>1890

irch

User id: ENDUSER user | [log in](#) | [logout](#)

earch history

NA: "Haak, L?" and YOB:>1890 | 9 hits


1. Haak, Alex Johan Henri (1930-...)
De menselijke maat : een studie over de relatie tussen gebruiksmaten en menselijke afmetingen, bewegingen en handelingen
2. Haak, L.J.
Sijpverteringsziekten : patiënt & beleving
3. Haak, Laetitia
Als de biksem : gedichten
4. Haak, Laure
Mitochondria regulate Ca super(2+) wave initiation and inositol trisphosphate signal transduction in oligodendrocyte progenitors
5. Haak, Lee Brian (1966-)
Smart buys, drug-wise, 2003:
6. Haak, Leo A.
A comparative analysis of the institute programs of ... 1969
7. Haak, Liane
Proceedings of the First International Workshop on Interoperability of Heterogeneous Information Systems
8. Haak, Liane (1974-)
Semantische Integration von Data Warehousing und Wissensmanagement
9. Haak, Lynn F.
Globe, c2008:



CONNECTING PEOPLE AND PATENTS: THE LENS

Linked Services

Link your accounts from third party services to your Lens profile. We currently support LinkedIn and ORCID accounts.

 ORCID Re-link Remove

0000-0001-7234-3684
(used a few seconds ago)

Show my profile information on my published collections and inventorships

- The Lens serves global patent and scholarly knowledge as a public good to inform S&T-enabled problem solving
- The Lens enables individuals to link their Lens and ORCID accounts and connect patent data to their ORCID records
- The Lens enables patent search by ORCID iD



But, this is retrospective.

**To support research,
innovation, and litigation, the
community needs more
complete and timely data
connecting inventors,
assignees, and IP.**



 Create or Connect your ORCID iD

Application Filing

Collect ORCID iDs for applicants and Organization IDs for assignees

Registration Certificate

Notification

IPO BUSINESS PROCESS

Formal Exam

Examination

Publication

Await Registration

Amend

Journal Publication

Data Exchange

DOIs: Non-patent literature/data

Applicant

IP Office

Other Stakeholders



EASY STAKEHOLDER ACTIONS

- **Inventor:** Provide ORCID iD at time of disclosure and filing of patent application
- **Tech Transfer:** Collect ORCID iD at time of disclosure, include with submission to attorney and/or PTO, include in tech marketing
- **Attorney:** Ask for ORCID iD in application, provide iD in PTO submission, use iD in research and litigation
- **Patent Office:** Collect iD (via API) in submission form (ADS)



GOING FURTHER: LEVERAGING OPEN ORCID INFORMATION

- **Inventor:** Provide relevant grants and paper DOIs at time of disclosure, via ORCID
- **Tech transfer:** Push public technology information to ORCID
- **Attorney:** Encourage use of DOIs for non-patent literature and organization IDs for assignee
- **Patent Office:** Push public patent application/grant information to ORCID



ENABLING STEPS

- **WIPO:** ORCID INID code, ORCID in Category 70 specification
- **IP Business Process Systems:** Use APIs and embed identifiers in IP data systems
- **All stakeholders:** Engage in process of mapping IP transactions where IDs can be collected; use APIs, enabled webforms, and system-system data transfer



BENEFITS

- **Better quality** data
- **Reduced time** conducting harmonization across inventor names
- **Verifiable connections** between people, intellectual property, and assignees
- **Improved information** for and about innovation



THANK YOU...



Find out more at <https://orcid.org>

Register at <https://orcid.org/register>

Email community@orcid.org

Twitter [@ORCID_Org](https://twitter.com/ORCID_Org) / [@mjbuys](https://twitter.com/mjbuys)