

What is ORCID and Why is it Relevant for Editors?

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Editor



Reviewer



First Author



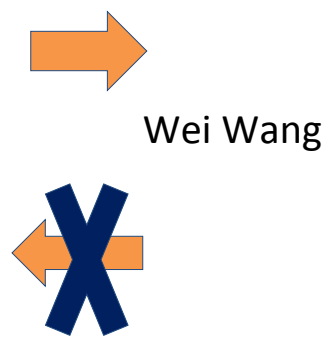
Second Author

Name Ambiguity is a Global Problem

Virtually all countries have their unique
“common name” problems

- Johannson
- Rodriguez
- Müller

- 王伟
- 王薇
- 王维
- 王蔚
- 汪卫
- 汪玮
- 汪威
- 汪巍



- John Richard Wilson
- Wilson, John Richard
- John R. Wilson
- Wilson, John R.
- Wilson, J.R.
- J.R. Wilson
- John Wilson
- Wilson, John
- J. Wilson
- Wilson, J.

What's the Problem for Authors?

How do I get credit
for my work?

Peterson, J **FIND** →  1839 articles

Current literature searches lump together all the papers appearing under identical names.

Peterson, J **FIND** →  •Janet Peterson
55 articles

 •Janet Peterson
37 articles

Disambiguation software can help find out who wrote what. But an author's work is often broken up into multiple groups, for instance, because they changed jobs. And papers published under misspelled or former names aren't found.

WON'T FIND:

- ✗ Janet Petersen – one article (name misspelled)
- ✗ Janet Holden – three articles (written under birth name)

1965496543 **FIND** → 96 articles

A number identification system could help find all the papers written by an author, independent of changes in fields, affiliations, or name. It could also help keep contact information up-to-date.

JANET PETERSON

Alternative Name:
JANET HOLDEN

E-mail Address:
JPETERSON@UFA.EDU

Current Affiliation:
UNIVERSITY OF FLORIDA AT ARCADIA



What's the Problem for Editors?



“I see ambiguous authors...
they're everywhere...

they walk around like everyone else...
and they don't even know they're ambiguous”

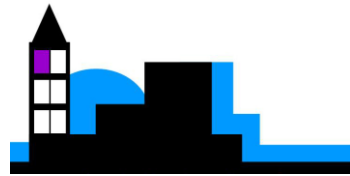
What will ORCID Do?

ORCID will work to support the creation of a permanent, clear and unambiguous record of scholarly communication by enabling reliable attribution of authors and contributors



Primary Use Cases

Researcher



Joins student body

Why?

Helps Scholars expose output



Applies for grant

Helps Grantees perform research assessment



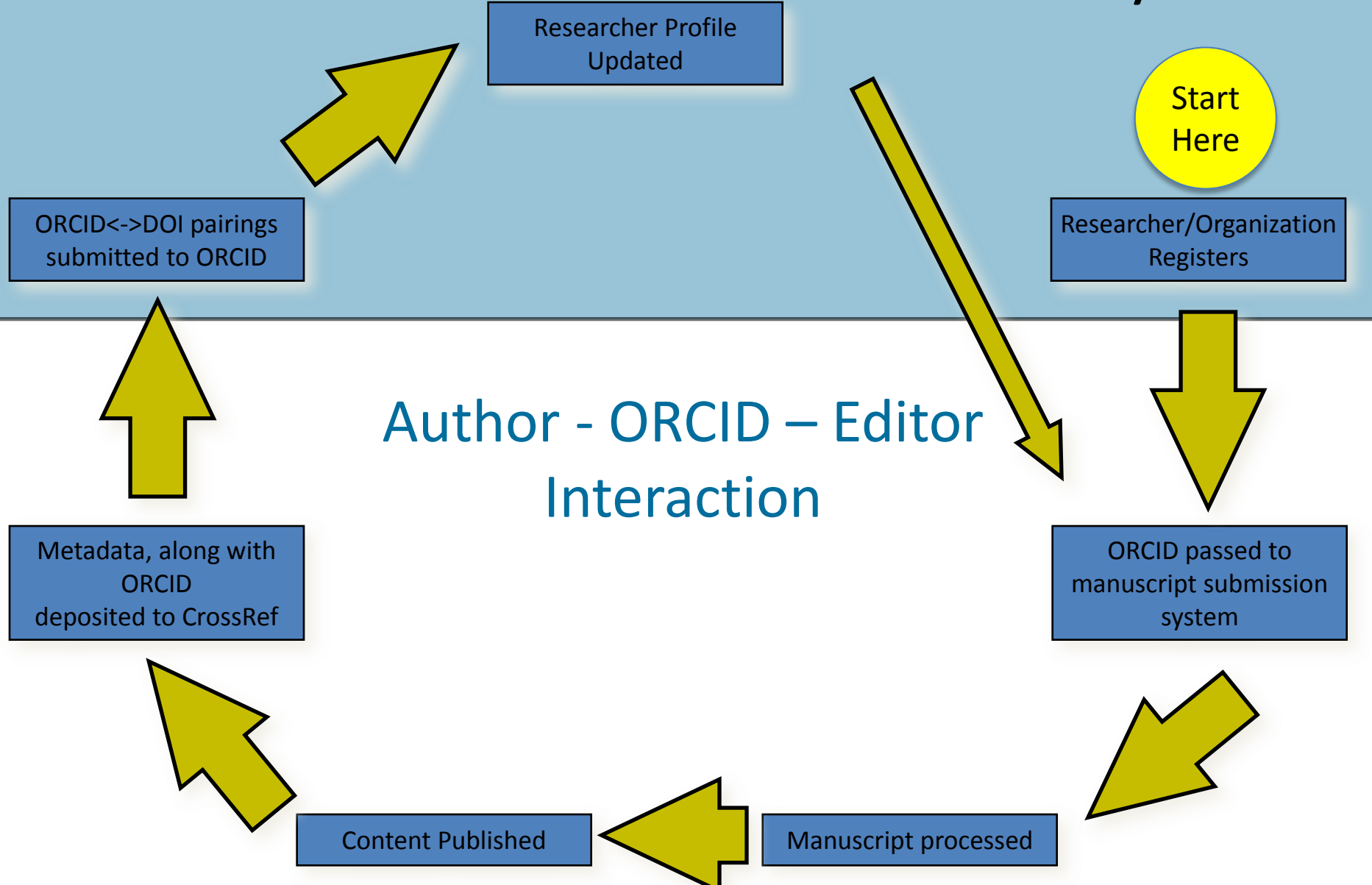
Submits Manuscript

Helps Editors

- Assess contributors
- Link with profiles
- Select reviewers

⋮

How Will ORCID Work with Editorial Systems?



10 Principles (abridged)

- 1) ORCID will work to support the creation of a permanent, clear and unambiguous record of scholarly communication by enabling reliable attribution of authors and contributors
- 2) Transcend discipline, geographic, national and institutional, boundaries
- 3) Open to any organization in scholarly communications
- 4) Transparent access and non-discriminatory terms
- 5) Researchers create, edit, and maintain an ORCID ID and profile free of charge

10 Principles (abridged)

- 6) Researchers control privacy settings
- 7) Profile data contributed to ORCID by researchers will be available annually for free under the CC0 waiver
- 8) Software developed by ORCID will be publicly released under an Open Source Software license
- 9) ORCID identifiers and profile data will be made available via a combination of “no charge” and “for a fee” APIs and services
- 10) ORCID will be governed by representatives from a broad cross-section of stakeholders, the majority of whom are not-for-profit

ORCID

Open Research & Contributor ID

Working together to align the global network

An independent, community effort to standardize researcher identification

250+ Participants



Hindawi



EMBO European Molecular Biology Organization



UCL



IEEE



ads NASA



Audio Engineering Society



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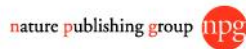
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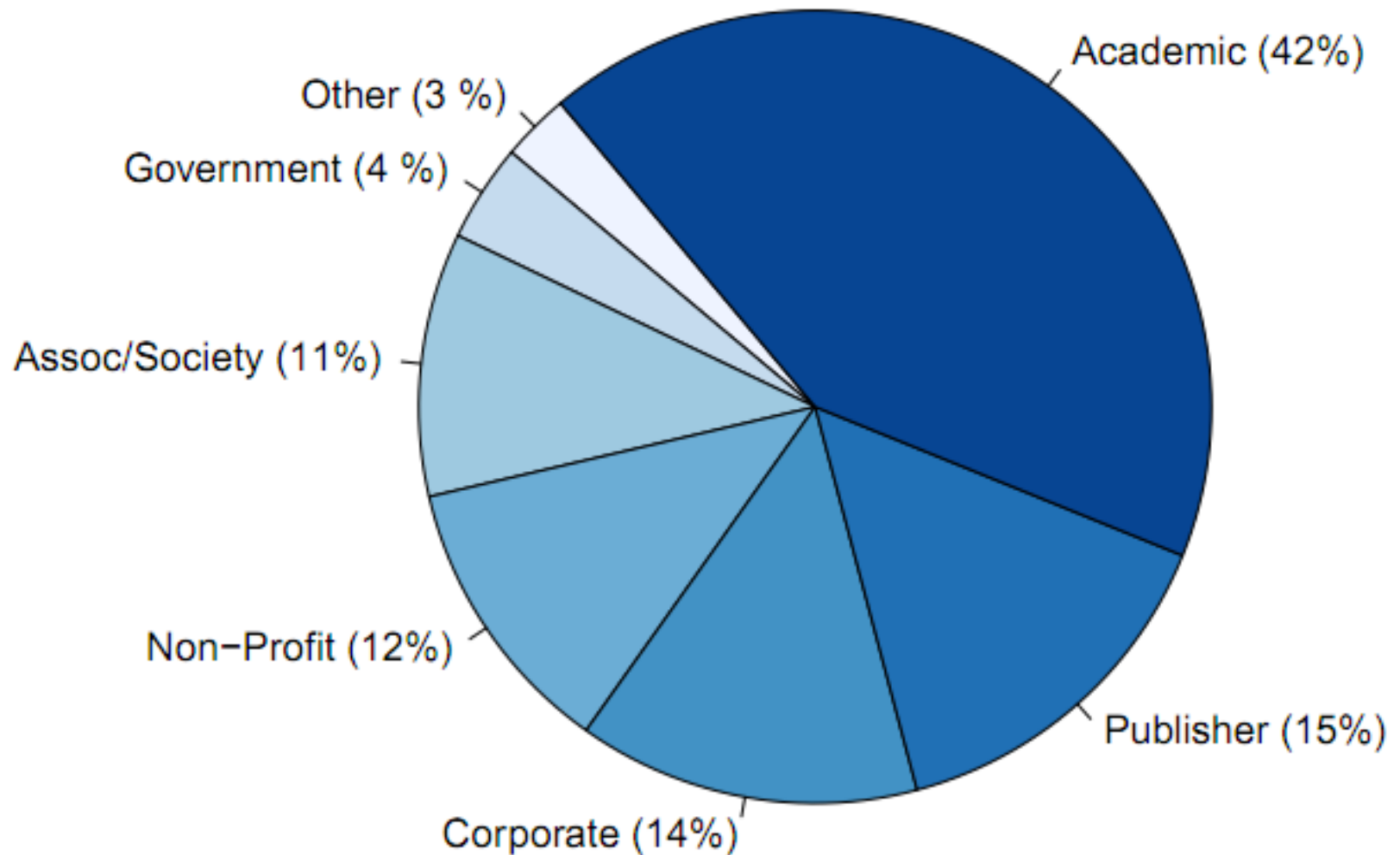
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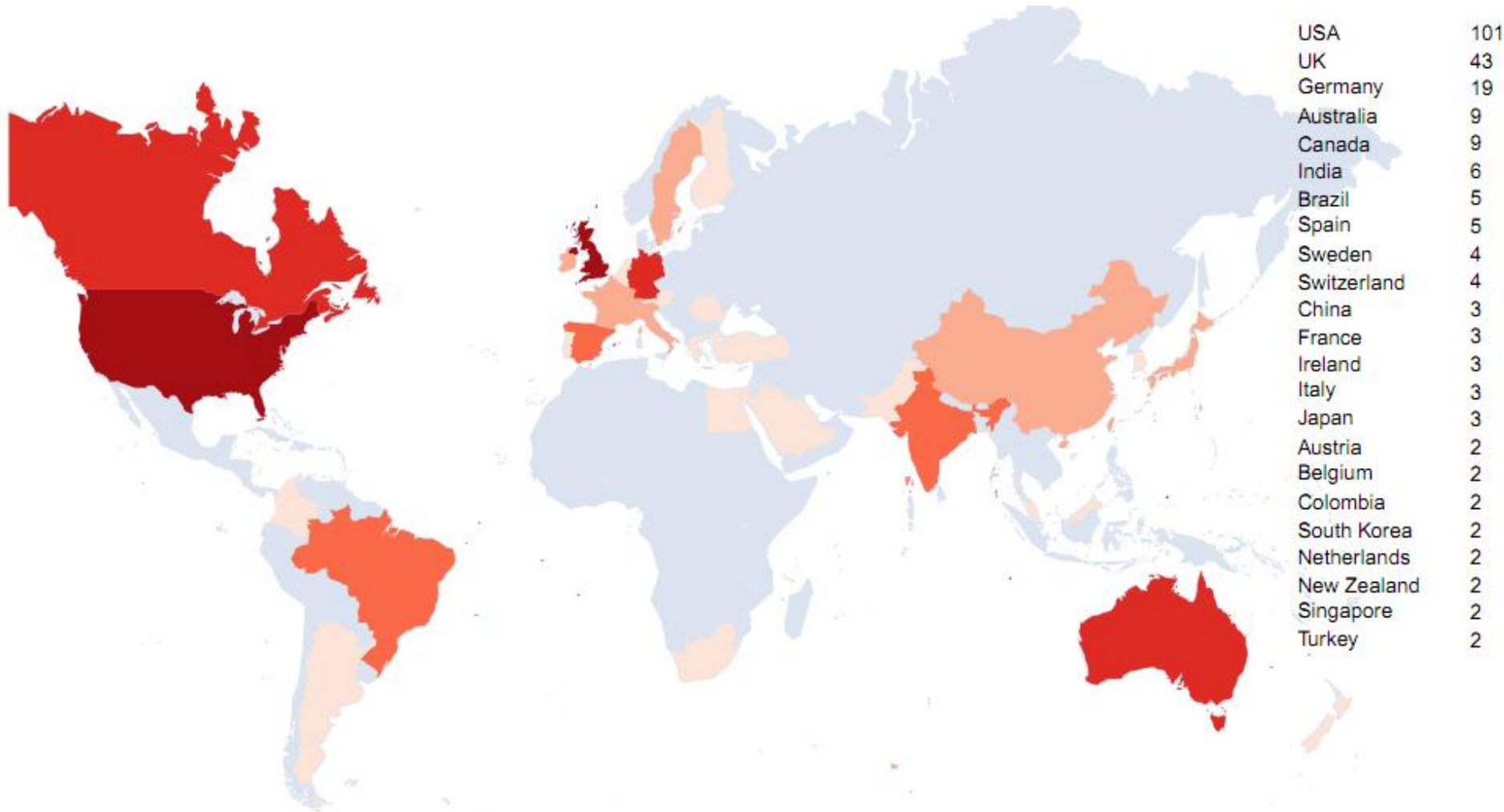
Institute of Science and Technology



ORCID is open to any organization with an interest in scholarly communication



ORCID transcends discipline, geographic, national and institutional boundaries



250 participating organizations as of 1 August 2011

Accomplishments in 2010

Feb March April May June July Aug Sept Oct Nov Dec

Build Sandbox ✓

Alpha Prototyping ✓

ORCID Members
Demonstration and
Alpha Testing ✓

Organization
Creation ✓

Wellcome /MIT
Survey ✓

Principles/Scope Defined ✓

Alpha Testing ✓

Profile Exchange Research & Development

Milestones and Goals 2011-12

Q1 2011 Q2 2011 Q3 2011 Q4 2011 Q1 2012 Q2 2012 Q3 2012 Q4 2012

 Build Phase 1 - Semantico

Start Registering ORCIDs

Build Phase 2

Sponsorship Drive 1
\$244K 

Sponsorship Drive 2
\$1.2 million Committed 

Hire Staff

Start Collecting Fees

VIVO Technology Research 

Mellon Market & Business
Model Research 

Profile Exchange Research & Development

Scope (ORCID phase 1 system)

ORCID will build a central registry of unique identifiers for researchers and scholars with the following scope:

- ORCID will **focus on currently active researchers**
- Data will come from **individuals and organizations**
- ORCID will be a hybrid system of **self- and organization-asserted identity**
- Data collected will be those **needed for disambiguation**
 - extra data for optionally creating full CV-like profiles might be added in the future
- System will provide **basic matching and disambiguation of names**
- ORCID system will, from the start, **enable 3rd parties** to build value added services using ORCID infrastructure
- ORCID **services** will be developed **based on the needs of the ORCID community**

Researchers will be able to create and maintain an ORCID ID and profile free of charge, and will control their privacy settings



[Home](#) [My Researcher Profile](#) [Refer a Colleague](#) [Logout](#) [Search](#)

Personal Information

My Affiliations

Password

Options

[Return to My Researcher Profile](#)

Update your information. Optionally, use the "public" setting to indicate which information to display on your Profile page. Clear a public check box to make that information private. Note: Click the "Submit Changes" button on each page. * required fields.

Submit Changes on this Page

Cancel

Public (Master)

First / Given Name: *

Last / Family Name: *

Middle Initials:

ORCID ID: AAA-1034-2010

Public (Master): Clear the "Public (Master)" check box to make your information private. Only you, when logged in, will be able to view your information.

Name: Your name will be searched and displayed on your profile page.

ORCID ID: This is your unique identification.

Public

Other Names Used by You:

Add

Remove

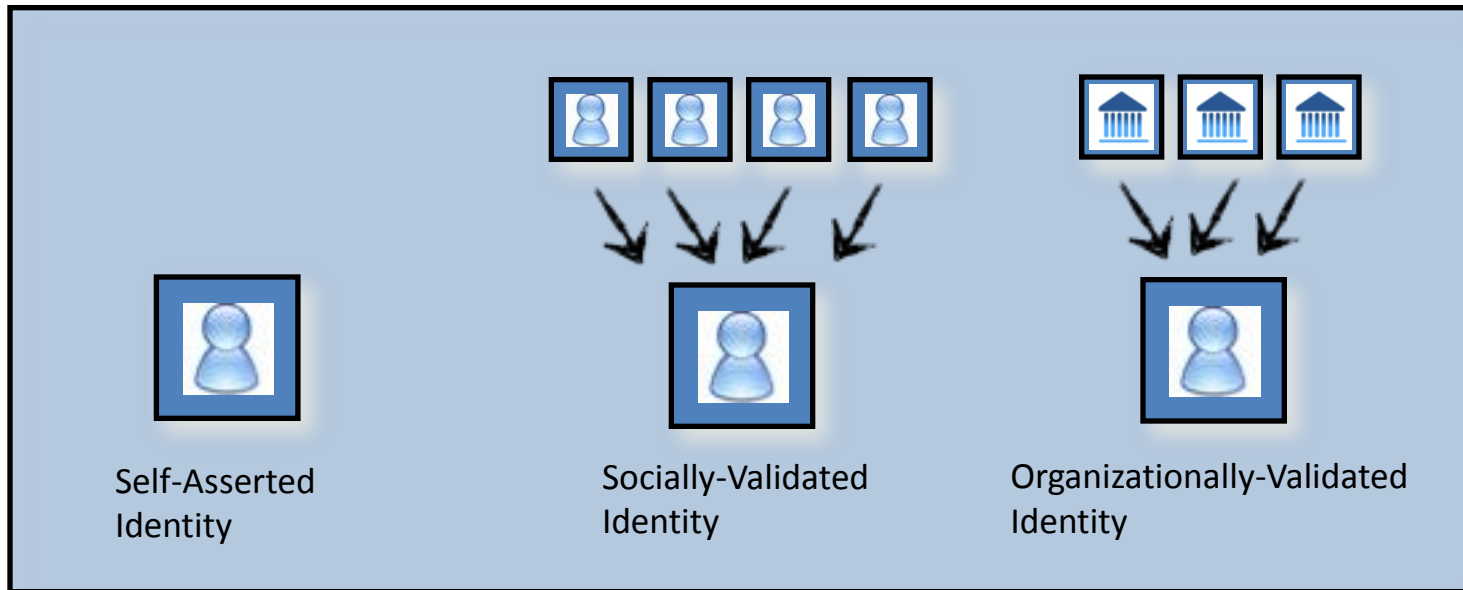
Other Names: If you've published under different names or if you are known by more than one name, enter Other Names. These will be searched if made public.

Public

URL: <http://www.orcidsandbox.org/rid/AAA-1034-2010>

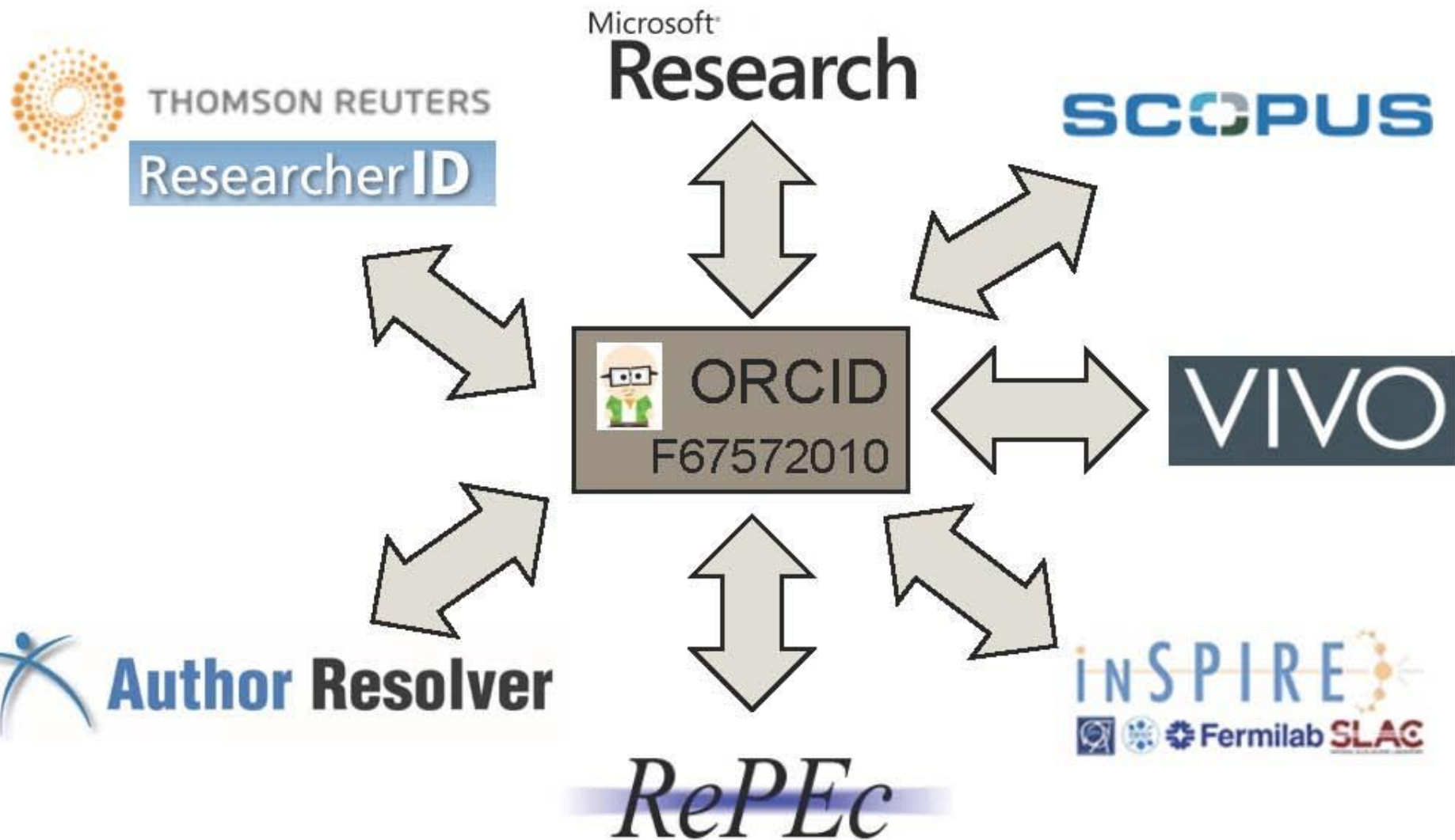
URL: The URL can be used to link directly to your profile page.

**Self-asserted + socially-validated + organizationally-asserted identity
= more credible assertion**



Disambiguated
Identity

ORCID will interact with other scholarly author identification systems



ORCID will Bridge with Other Researcher ID Initiatives

- **ArXiv author identifiers** (http://arxiv.org/help/author_identifiers)
 - standalone service (Physics)
 - Cornell is an ORCID participant and board member **Contributor ID (CrossRef)** (http://www.crossref.org/CrossTech/2009/02/an_interview_about_author_ids.html)
 - prototype concept project of CrossRef whose learnings have been rolled into ORCID (general science)
 - CrossRef is an ORCID participant and board member
- **Digital Author Identifier (DAI)**
 - <http://www.surffoundation.nl/en/themas/openonderzoek/infrastructuur/Pages/digitalauthoridentifiervai.aspx>
 - a new one! Not affiliated with ORCID
- **International Standard Name Identifier (ISNI)** (<http://www.isni.org>)
 - separate initiative started by RROs for RROs. Identifies everything including fictional names and names of things (think boats)
 - Supported by Proquest/Bowker
 - ORCID is trying to find a way to engage with ISNI in a mutually beneficial way
- **Lattes** (<http://lattes.cnpq.br/english>)
 - Used by Brazilian MCT [Science and Technology Ministry], FINEP [Projects and Studies Financing], CAPES/MEC [Personal Improvement Coordination/Ministry of Education], and all institutional actors, such as the Brazilian scientific community, as a curricular information system. (Brazilian Government)
 - evaluation of competences of candidates to scholarships and/or research support
 - selection of consultants, members of committees and advising groups
 - VIVO participant and in discussions with ORCID
- **Names Project** (<http://names.mimas.ac.uk>)
 - standalone not-for-profit project backed by JISC (UK government)
 - JISC is an ORCID participant and Technical Working Group member
- **VIVO** (<http://www.vivo.org>)
 - NIH funded national network of scientists run by institutions. (Biomedicine)
 - VIVO software installed locally and provides semantic web-compliant data into network
 - ORCID participant and funder

What Makes ORCID Relevant for Editors?

- ORCID is the only researcher identifier that is not limited to discipline, institution or geographic area
- It is the only not-for-profit contributor identifier initiative dedicated to an open and global service focused on scholarly communication
- ORCID is backed by a non-profit organization with over 250 participants behind it
- ORCID is backed by stakeholders from all segments of scholarly communications
- Publishers are an important ORCID stakeholder but are just one part
- ORCID is serious about building an open system
- ORCID can bridge existing silos (big and small) by registering the identifiers of all other relevant standalone services

ORCID

**Open Researcher
& Contributor ID**



Working together to align the global network

An independent, community effort to standardize researcher identification



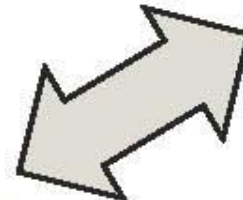
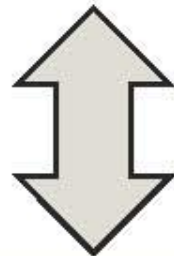
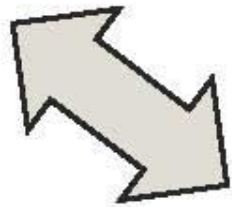
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ResearcherID

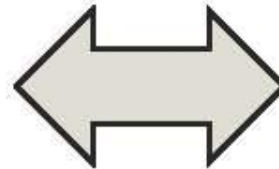
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Research

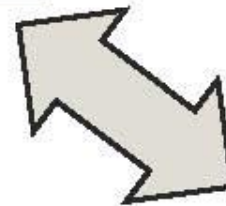
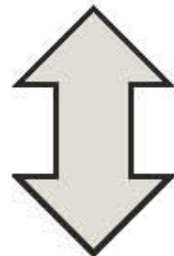
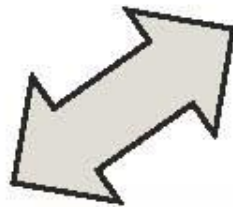
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ORCID
F67572010



VIVO



Author Resolver

INSPIRE
Fermilab **SLAC**

RePEc



Come Join Us

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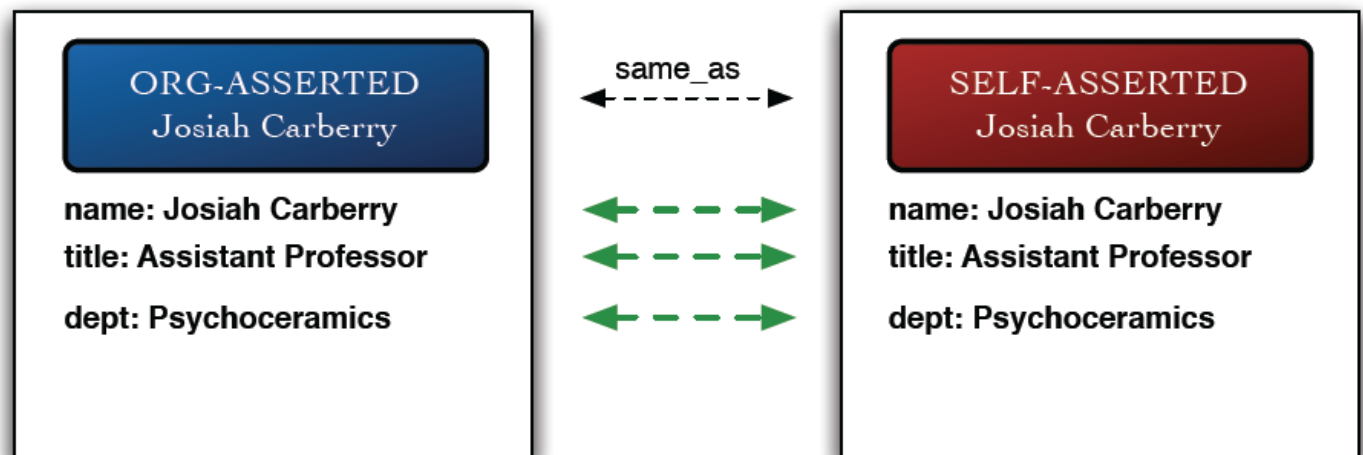
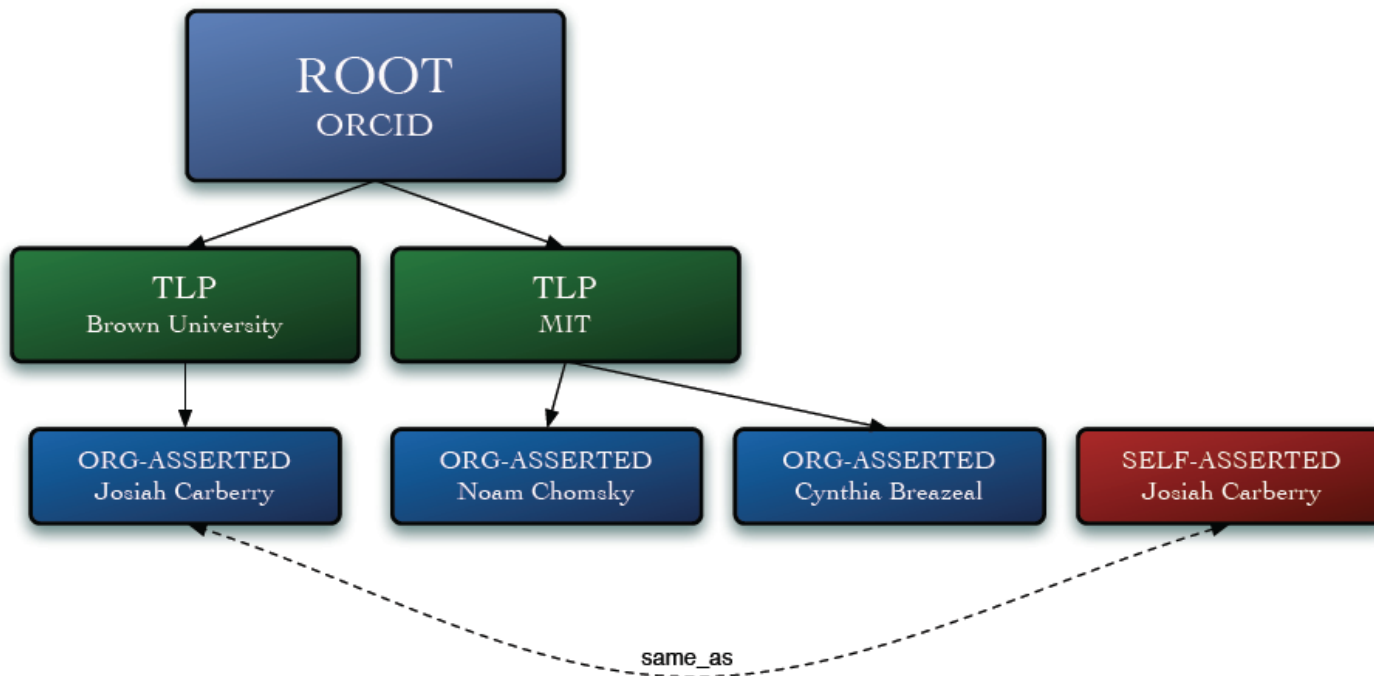
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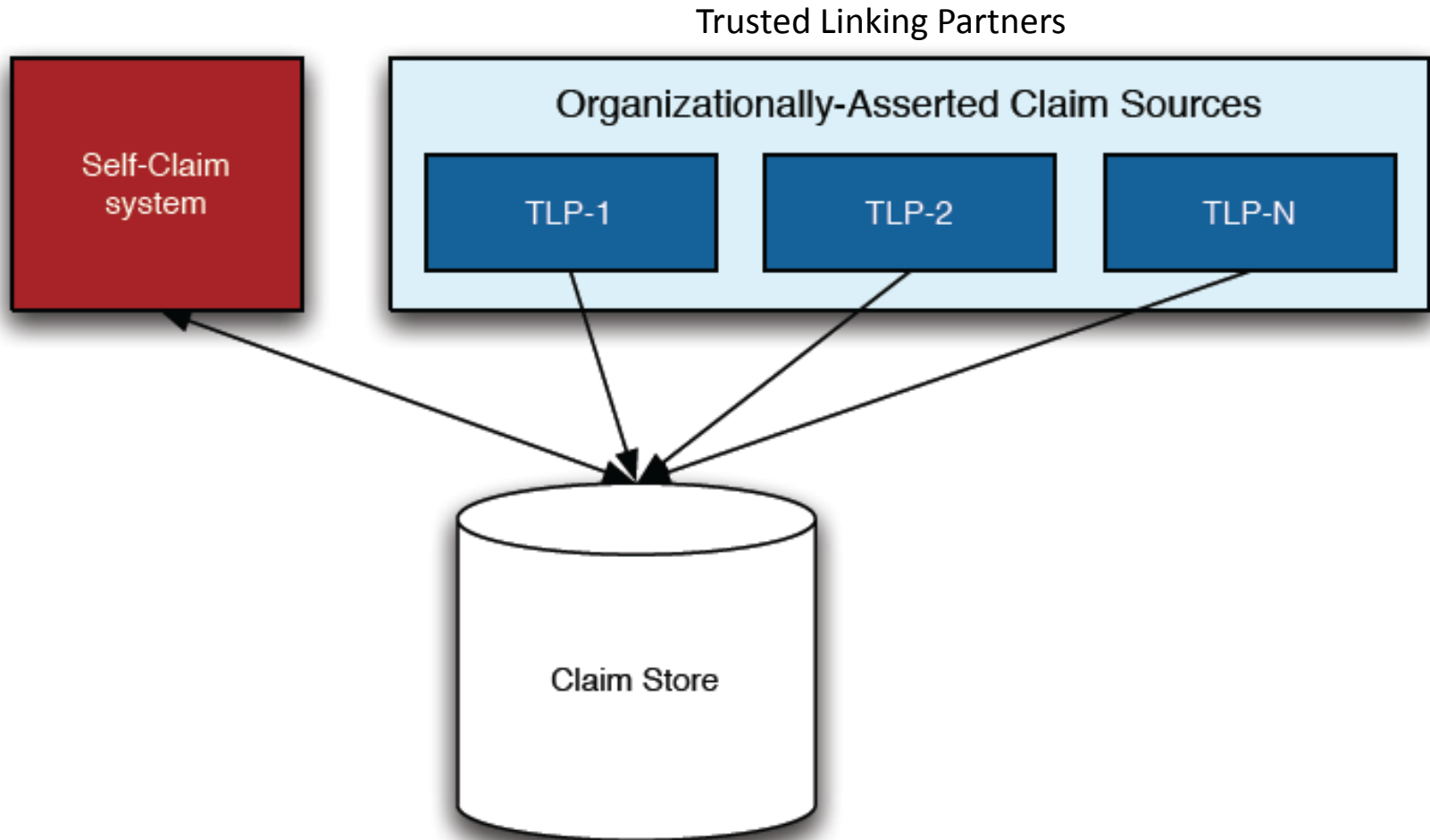
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Technical Appendix

Phase 1 Disambiguation Concept



Assertion Collection Concept



More Assertions = More Credibility

