ORCID: an introduction

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What is ORCID?
Name Ambiguity Is a Problem

- Shared names
- Different versions (full name vs. initials)
- Transliteration
Name Ambiguity Is a Problem

- Accents and other ALT characters
- Name changes
- Multiple family names
One researcher may have many profiles or identifiers
ORCID provides a persistent digital identifier that distinguishes you from every other researcher.

Through integration in key research workflows such as manuscript and grant submission, ORCID supports automated linkages between you and your professional activities, ensuring that your work is appropriately attributed and discoverable.
• Free, non-proprietary registry of persistent unique public identifiers for researchers
• Community-led initiative supported by member fees
• Open data, software, APIs, and documentation
With other identifiers, ORCID enables machine-readable connections with:

- works
- organizations
- person IDs
• ORCID is an interdisciplinary effort
• We have an international scope
• ORCID provides a foundation for services that improve scholarly communications for all researchers
Who uses ORCID?
Over 1.4 million researchers have registered for an ORCID identifier.

**ORCID iDs by creation method**

- **Member created**
- **Direct via orcid.org**
- **Member referred**
Integration in research systems

Over **280 members** and integrations in every region and sector of the international research community.

![Diagram showing distribution of ORCID members by category and region.](chart-image)

- **Research Institute**: 45%
- **Repository**: 20%
- **Publishing**: 16%
- **Funder**: 7%
- **Association**: 12%
- **Funder**: 7%
- **Asia Pacific**: 16%
- **EMEA**: 36%
- **Americas**: 48%

[orcid.org](http://orcid.org)
Cineca have announced a national ORCID consortium in Italy.

70 Universities and 4 research centres will join as a result, with more to follow.
ANVUR and CRUI have decided to launch the Italian Researcher Identifier for Evaluation (IRIDE) project:

By the end of 2016 at least 80% of Italian researchers (including PhD students and post-docs) will possess an ORCID iD linked to their publications back to 2006.
Good news from Swedish Research Council: 
#ORCID will be mandatory in their new application system PRISMA, to be released next spring!

http://openaccess.blogg.kb.se/2013/01/30/slutrapport-fran-projekt-forfattarinventorier
• Linking ORCID iDs to the national federated identity management system
• **Improving re-use** of data (reduce re-keying)
• **Enhancing visibility** of researchers
Jisc and ARMA funded 8 projects to test ORCID implementation. Their report sets out the benefits of large-scale adoption:

http://orcidpilot.jiscinvolve.org

• Research Councils UK have recommended ORCID iDs for grant applications
• Valuable for Open Access
Jisc are establishing a national ORCID consortium in the UK.

50 Universities and 7 funders are joining now, and 29 others have expressed an interest in joining later.
• Consortial agreement
• Implementing in PURE
• Goal of 80% registration
Released a "Joint Statement of Principle" endorsing national adoption of ORCID, supported by universities, research administrators, libraries and research data managers.

The report cites **reduced red tape**, improved **data quality** and **increased global visibility** as reasons to adopt ORCID.

Other countries...

- **Netherlands** – Plan to connect national DAI with ORCID and ISNI identifiers
- **Austria** – Linked to FWF grant management system
- **Norway** – exploring integration with national CRIS
- **Portugal** – Nationwide call for researchers to register with ORCID, PT-CRIS using ORCID as a hub to connect information
How does ORCID operate?
Privacy enables us to deliver an international service

- Researchers own and control their own ORCID records
- US-based servers and data processing
- Trust-e certified – audited annually to ensure that our privacy and security match or exceed Safe Harbor requirements

https://orcid.org/footer/privacy-policy
ORCID works collaboratively with the research community to ensure adoption and use of research information standards.
System Integrations

- DataCite
- DSpace
- DSpace-CRIS
- EPMC
- EPrints
- HUBzero
- Hydra/Fedora
- InSPIRE
- Converis
- Pure
- Symplectic
- ...

ORCID works with lots of system creators to integrate iDs.

By adding iDs to your existing data, the system can make better connections.
Data Governance:

ORCID is committed to maintaining persistence of the ORCID identifier Registry and data in its charge.

Organization Governance:

ORCID is governed by an elected Board of Directors, majority non-profit, drawn from and representative of ORCID member organizations. Governance documents are posted online.
In addition to the Board of Directors, ORCID has three Steering and Working Groups (Technical, Business and Communications) and an Ambassador program open to the research community.

**Staff:**

ORCID operations are managed by a full time staff.
US$3M

The Leona M. and Harry B. Helmsley Charitable Trust awarded ORCID a grant in March 2015 to ensure that our identifier infrastructure is sustainable and widely used now and in the future – for the good of all research.

The initial grant term is 18 months.
What are we doing?

The grant is being invested in three areas:

• **Staff** – A surge in staff to help to make ORCID sustainable
• **Development** – lowering the barriers to implementation
• **Communication** – Making ORCID understood globally and across communities, and making information easier to find and to use.
What next?
The metadata “round trip” enables auto-updates for systems linked to the ORCID registry.

http://orcid.org/blog/2015/01/13/new-webinar-metadata-round-trip
Over 180,000 articles have been submitted to CrossRef with an associated ORCID iD

These will start to flow into the ORCID registry before the end of the year

Researchers who use their ORCID iD when they publish will not need to manually update their record in ORCID or in connected systems
Technical and Human infrastructure for Open Research
Horizon 2020 project – 30 Months, 10 partners

The project aim is to establish seamless integration between articles, data and researchers across the research system.

We want to make persistent identifier use for people and research artefacts the default.
Scaling up – and fast

- **Staffing** – bringing 12 new staff on board
- **Membership** – developing systems to support large groups of new members
- **Governance** – ensuring that our new member community can participate fully in ORCID’s future
Merci de votre attention.

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