LAUNCHING THE ORCID SERVICE FOR GLOBAL AUTHOR IDENTIFICATION
EuroCRIS Meeting
Madrid, 5 November, 2012

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ORCID Outreach Working Group
https://orcid.org/0000-0001-8085-0088

Thanks to Laure L. Haak, ORCID Executive Director
http://orcid.org/0000-0001-5109-3700
Topics

- What is ORCID? Benefits
- The ORCID Registry. How it works
- The launch (launch partners)
- Workflows
- Conclusions
ORCID is an international, interdisciplinary, open, and not-for-profit organization created for the benefit of all stakeholders, including research organizations, research funders, publishers, and researchers.

We aim to transform the research ecosystem by providing a registry of persistent unique identifiers for researchers and scholars and automating linkages to research objects such as publications, grants, and patents.
Do we need it?

✓ Are these two names referring to the same person?
✓ Who is collaborating? inventing?
✓ Why do I have to re-enter this data every time I move?
✓ How can we accurately benchmark research strengths and impact?
✓ How do we keep our repository up to date?
✓ How can we find reviewers?
✓ How can we track people who participated in our programs?

Yes, we do
Facing the challenge

- Enlist all sectors in data collection and standards effort
- Adopt definitional standards within and across data sources and types
- Apply unique ID to person records across data sources and types
Connecting Research with Researchers

Without a way to discretely identify those participating in research across disciplines, organizations, and countries, the research community lacks the ability to accurately and easily identify and link researchers and scholars with their professional activities.
Benefits

- Supports researcher disambiguation - if ORCID adopted broadly can improve name search accuracy
- Can be linked with processes to automate repository deposition
- Reduces reporting burden for researchers and improves accuracy of research outcomes analysis
- Cross-organization visibility can enable collaborative analysis
ORCID Phase I System

- Researcher self-claim, delegated management, and institutional record creation
- Fine-grained control of privacy settings
- Data exchange into grant and manuscript submission systems, and other identification/profile systems such as Scopus, RePEc, Researcher ID, and VIVO
- ORCID ID resolution and metadata search via GUI and REST API
The ORCID ID

https://orcid.org/0000-0001-8085-0088

• 16-digit number
• Expressed as an HTTP URI
• Compatible with ISO 277729 standard
• Last character is a checksum (ISO/IEC 7064:2006, MOD 11,2)
Understanding the ORCID Registry

- ORCID Users
- Accessing ORCID Records
- ORCID Privacy
- The ORCID Account & Record
ORCID Users

The Scholar/Researcher
*Individual for whom the ID and Record are created and maintained*

Proxy(ies)
*Individual(s) assigned by the Researcher to edit the ORCID Record on the Researcher’s behalf (though the website)*

Trusted Organization(s)
*Organizations assigned by the Researcher to view, edit or add to the ORCID Record on the Researcher’s behalf (through the API)*

The ORCID Account Owner
*The Researcher. If an institution creates an ID, could serve as account owner.*
The ORCID Registry

**ORCID Account**
- Account Settings
- Manage Permissions

**ORCID Record**
- Biography
- Research Activities

**Other IDs**
- ResearcherID
- Scopus
- RePec
- SSRN
- ArXiv

**Research Information Systems (CRIS)**
- Research Institutions
- Funders
- Governments

**Workflows**
- Manuscript submission
- Grant applications
- Dataset deposition
- Patent applications
ORCID Privacy

Account owner (or proxy) establishes privacy settings in ORCID Record.

**PUBLIC**
Accessible by anyone

**LIMITED**
Accessible by Account Owner, Proxy(ies), Trusted Organization(s)

**PRIVATE**
Accessible by Account Owner, Proxy(ies)
Accessing ORCID records

Scholar/Researcher
From the Website

CREATE  EDIT  ADD TO  READ

Trustored Organizations
From the API

CREATE permission: granted by ORCID only if employer

EDIT permission: one time ONLY for short term; granted at time of edit

APPEND permission: one time ONLY for short term; granted at time of addition

READ permission: granted until revoked by user

Proxy(ies)
From the Website

CREATE  EDIT  ADD TO  READ

Permissions at launch– to be extended over time
ORCID APIs

Public/Tier 1 API
• No token or registration needed
• Can only access data marked as public
• Can only READ

Member/Tier 2 API
• Registration and token needed
• With permission, can access data marked as limited
• Can READ, EDIT, APPEND. For employer institutions, it is also possible to CREATE
October launch

For Individuals

• Public Registry – Anyone can create an ORCID ID and search the Registry

• Anyone can create an ORCID Record, link ID to other identifier schemes and synch data, and enhance ID with information on research activities

For Member Organizations

• Updated APIs / XML

• Create IDs for employees and students

• Trusted relationship management to share information
ORCID Launch Partners

- American Physical Society
- ARIES
- Cal Tech
- Elsevier
- Figshare
- KNODE
- SafetyLit
- Thomson Reuters
- Wellcome Trust
- Aries Systems
- Boston University
- CrossRef
- Faculty of 1000
- Hindawi
- Nature Publishing Group
- Symplectic
- Total-Impact
- Thomson Reuters
- Wellcome Trust
- Aries Systems
- Boston University
- CrossRef
- Faculty of 1000
- Hindawi
- Nature Publishing Group
- Symplectic
- Total-Impact
- Thomson Reuters
- Wellcome Trust
ORCID Users and Members

Two weeks after the launch...

8,395 registered users

13 member organizations
(funders, research organizations, publishers, and third-party developers)
ORCID Users and Members

- **Visits**: 24,284
- **Pages / Visit**: 6.71
- **Avg. Visit Duration**: 00:05:59
- **% New Visits**: 72.63%

<table>
<thead>
<tr>
<th>Country / Territory</th>
<th>Visits</th>
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<tbody>
<tr>
<td>1. United States</td>
<td>4,757</td>
</tr>
<tr>
<td>2. United Kingdom</td>
<td>2,920</td>
</tr>
<tr>
<td>3. Germany</td>
<td>1,656</td>
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<tr>
<td>4. Spain</td>
<td>1,419</td>
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<td>5. Italy</td>
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<tr>
<td>6. China</td>
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<td>7. Brazil</td>
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<td>8. Australia</td>
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<tr>
<td>9. Japan</td>
<td>939</td>
</tr>
<tr>
<td>10. France</td>
<td>850</td>
</tr>
</tbody>
</table>
Example Workflows

1. Linking to other ID and importing publications
2. Linking to author record
3. Embedding in manuscript submission
4. Consuming ORCID data
5. Creating ORCID IDs for employees
1. Linking to other IDs

1. Click on “Import” on ORCID Record Page
2. Select external ID to link to ORCID (not shown)
3. Approve data transfer
Scopus Author ID submitted

Your Author ID has been sent to ORCID. However, before we can send your publication list we must ask your permission. If you wish to send your list of publications to ORCID, please continue to the next step. Alternatively you can return to ORCID.

Scopus to ORCID

has asked for the following access to your ORCID record:

Add a publication to your publications list

This application will not be able to see your ORCID password, or other private info in your profile.

Deny
Authorize

Scopus documents submitted

Thank you for your request. We have now also sent your publication list to ORCID.

The Scopus Author Feedback Team

Scopus to ORCID

Import your identifier, profile and publications. The wizard helps you find the correct Scopus profile and to confirm your publications. You can then import the identifier and list of publications into ORCID. Any changes you make will be submitted to the Feedback team to update your Scopus profile.
Dear consol garcia,

Thank you for registering for an ORCID account.

You can manage your ORCID record at http://orcid.org/0000-0001-8085-0088

To confirm your email address, copy and paste this link into your browser:

http://orcid.org/verify-email/eXhMNzFYVm52OTI3VUw4NVE1V01TTEcOZXlCbVN4TXQ

The ORCID identifier is intended to help link you with your research works and activities. You may include your ORCID ID in processes such as manuscript submission and grant applications and synchronize the data in your ORCID record with other identifiers and external systems. You may add or edit data in your ORCID record, adjust privacy settings, and select trusted parties with whom to share your data.

If you have any questions about the registration process, please contact the ORCID support team at support@orcid.org. Please note that the sending email address cannot accept replies.

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Kind Regards,
The ORCID Team
support@orcid.org
http://orcid.org
2. Link Author Record to ORCID

1. The user clicks the ORCID link to update their Author Account.
2. The user signs in or registers on ORCID

3. The user authorizes Hindawi MTS client app to access ORCID data.
4. The user is redirected to Update Account page, now with ORCID ID displayed.

Coming...

• When an author publishes an articles with Hindawi his/her list of publications on ORCID will be updated with the new article.
• Adding a Link pointing to the author public profile on ORCID, on our author pages.
• While submitting a paper an author will be able to search for his co-authors on ORCID.
3. Integration in manuscript submission process

On nature.com and in NPG eJournal Press manuscript submission system users can create or link to an ORCID ID. Clicking on “create” takes a user to ORCID Registry.
4. Apps that consume ORCID data
Import Articles from ORCID

Just enter your ORCID ID (for example, 0000-0001-5109-3700). We'll import the public publication Works associated with your ORCID record.

If you don't have an ORCID ID yet, it only takes a few minutes to register for one and automatically add your publications to it.

ImpactStory only imports public publications. If your Works are currently listed in your ORCID profile as "limited" or "private", you can change them to "public" on your ORCID Works update page.

We currently only import Works with dois — stay tuned for work types soon!
5. Creating ORCID IDs for Employees

Organizations can spearhead ORCID ID/Record creation

1. Get permission from Researchers via your own processes and policies

2. Gather information and create the ORCID ID/Record via the API

3. ORCID notifies researchers who can claim and manage their ID/Record
ORCID Research Organization Workflow

- Create trans-organization record for all scholars and researchers (students)
- Auto-updates for researcher publications, patents, grants, etc.
- Management of Institutional Repository
- Reduced document management workload for researchers

Organization creates ORCID field in local personnel system

- Organization uses Tier 2 API to upload basic information for staff member to ORCID
- ORCID system searches for matching records
- Organization prompted to resolve duplicates
- ORCID record creation notice sent to researcher
- Researcher logs into ORCID to claim ORCID record and accept organization as trusted party
- Organization set up to receive updates from ORCID
Need more information?

• Find out more about at http://about.orcid.org/
• Membership information at http://about.orcid.org/membership/
• Learn more about tools to embed ORCID IDs at http://support.orcid.org/knowledgebase/articles/114746-explore-the-api-with-tools-and-consoles/
• Learn more about development tools at http://dev.orcid.org/
• UML Flow Diagram http://goo.gl/I9wIB
• Technical Support http://support.orcid.org/
• Follow @ORCID_Org on Twitter and ORCID news blog
• Contact the ORCID Executive Director at l.haak@orcid.org
Conclusions

Researchers must see the benefit of creating ORCIDs

Incorporate metadata into the Registry to enable future disambiguation efforts

Better bibliographic data /XML

Data extractions/statistics

CRIS must embed ORCIDs, synchronize and update research activity data