

THE ODIN PROJECT



ORCID and DataCite Interoperability
Network: Connecting Identifiers

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DataCite

Make research better by enabling people to find, share, use, and cite data.

A leading global membership organization offering reliable persistent data identification.

We engage researchers, scholars, data centers, libraries, publishers, and funders through advocacy, guidance and services.



DataCite

International non-profit association

- 30 members
- 18 countries
- 5 continents

First DOI for data minted 10 years ago

- 370+ data centres
- +3.5M DOIs minted

www.datacite.org



MISSION: Address name ambiguity problem in researcher and scholarly communication

- Persistent, unique person identifier
- The ORCID iD orcid.org/0000-0003-3188-6273



APPROACH: ORCID provides / encourages

- Researcher registry to obtain iDs (orcid.org)
- Links between iDs & other IDs (person, work, etc)
- iD use in scholarly workflows & databases
- Source to obtain data linked to an iD (APIs)



ORCID

- **850,000 iDs globally since Oct 2012 launch**
- **150 global member organizations committed to embedding iDs into workflows & databases**
 - Academic Publishers
 - National and Private Funding Agencies (some requiring iDs)
 - Universities and Research Organizations
 - Professional Associations
 - Data Repositories
 - CRIS
 - Metrics Sites
- **iDs now appearing on published works, repositories and more!**



ODIN Partners

September 2012 – September 2014

ORCID

Connecting Research
and Researchers



DataCite

Helping you to find,
access, and reuse data

BRITISH
LIBRARY

THE BRITISH LIBRARY

Explore the world's knowledge



European Organization for Nuclear Research

ands
AUSTRALIAN NATIONAL DATA SERVICE



arXiv.org



Proofs of concept and commonalities

- Humanities and Social Science (HSS) and High Energy Physics (HEP)
- Common workflows developed and implemented: INSPIRE repository (CERN) and the National Survey of Health and Development (NSHD)
- Case studies. Including the UK Archaeology Data Service (ADS): more details tomorrow at 14:15.



PIDs Interoperation

- Author identifiers: publisher-led (ResearcherId), disciplinary (arXiv), discovery led (ORCID iD), institutions-led (ISNI), social (LinkedIn), etc.
- Data identifiers: DOI, URN, ARK, Handle, etc.
- Other identifiers: thesis, funders, institutions...
- Interoperation is not only possible, is desirable



The missing thin layer

Gaps and challenges common across disciplines, research sectors, institutions, countries...

We need to:

- Research to explore how to address new platforms or standards
- Continuous service implementations
- Business models to address different disciplines, institutions, countries
- Support to lower the access barrier

ORCID/DataCite claim tool

LINK WORKS

ORCID has been working with many member organizations to make it easy to connect your ORCID iD, and link information from their records. Choose one of the links wizards to...

Australian National Data Service (ANDS) Registry
Import your research datasets into ORCID from Australian National Data Service Research Data Australia (RDA). ANDS is partnering with Australian research institutions producing agencies to improve discovery and reusability of research data across many domains from earth science to technology and engineering.

DataCite search and link
Search the DataCite Metadata Store to find your research datasets, images and other claim them by adding them to your ORCID profile at the click of a button.

ISNI2ORCID search and link
Enables user to search the ISNI registry by name and link ISNI records to his ORCID external identifier.

Don't see your Member **ORCID**

DataCite search and link
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 other private info in your ORCID Record. [Privacy Policy](#)

Email or iD

Password

[Forgotten password?](#)
[Don't have an account?](#)



Search:

id 0000-0003-3188-6273
Laura Paglione

Showing results for names matching **Laura Paglione**

SORT BY: **RELEVANCE** PUBLICATION YEAR 4 RESULTS - PAGE 1 OF 1

ORCID iD Growth
Fileset published 2013 via Figshare
Laura Paglione
dx.doi.org/10.6084/M9.FIGSHARE.841742 Cite **id** IN YOUR ORCID RECORD

Fig. ORCID iD Growth - Year 1
Figure published 2013 via Figshare
Laura Paglione
dx.doi.org/10.6084/M9.FIGSHARE.841741 Cite **id** YES, THIS IS MY WORK - ADD TO ORCID

ORCID iD Growth - Year 1
Dataset published 2013 via Figshare
Laura Paglione, Laurel Haak
dx.doi.org/10.6084/M9.FIGSHARE.840566 Cite

ORCID Annual Public Data File, 2013
Dataset published 2013 via ORCID

Add work to ORCID
Are you sure you want to add this work to your ORCID record?

Similar claim tool for ISNI – Identifier & related ISBNs



ORCID iDs in the Metadata

DOI Metadata: Creator / Contributor

- Contributor Name
- Contributor nameIdentifier
- Contributor nameIdentifier Scheme

Over 39,000 DOIs in DataCite w/ ORCID iDs

- Majority from PANGAEA
- Significant amount from FigShare (researcher-published)
- http://search.datacite.org/ui?&q=nameIdentifier%3Aorcid%5C%3A*



EThOS import tool

ORCID Thesis Import

Add Work

Datacentre reporting

ORCID Thesis Import

Is this the work you're looking for?

Title: **Towards the design of an electronic journal**

Log me into ORCID

That's not my work. Start again



CONNECTING Ethos ORCID Import WITH YOUR ORCID RECORD

Ethos ORCID import

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 ORCID Record. [Privacy Policy](#).

Deny

Authorize

Ethos ORCID import

Import your PHD E-Theses from ETHOS



Hands-on session tomorrow

Tuesday August 26 - 14:15

Technical hands-on session: DataCite and ORCID - APIs and Tools

*With the participation of Frauke Ziedorn (TIB),
Sebastian Peters (TIB), Laura Paglione (ORCID),
Michael Charno (Archaeology Data Service) and
Sergio Ruiz (DataCite).*



Webinar

After ODIN: looking to the future

A discussion of the short- to medium-term steps to be taken to build upon the work done by ODIN, extend the usage and availability of PID services, and enable PID services and tools to evolve and grow.

Tuesday September 09 2014 (TBC)

<http://odin-project.eu>

Jude England (The British Library), Jennifer Lin (PLoS), Mikael Elbaek (Technical University of Denmark), Kyle Cranmer (New York University, NYU Centre for Data Science).



Final event

ORCID and DataCite: Towards Holistic Open Research

Wednesday, September 24, 2014 from 1:30 PM to 5:00 PM (CEST)

Co-located with RDA - Amsterdam, Netherlands


Registration: <http://odin.eventbrite.com>

Second year reports available Oct 2014

<http://odin-project.eu/>


Output and materials

- Deliverables
- Codesprint results
- One pagers



10 GAPS TO OVERCOME

- [1] There is only limited access to PID e-Infrastructures for small organisations.
- [2] Some research communities have little to no experience with interoperable PIDs. For data and contributors.
- [3] Local, tailored, PID systems, with no interoperable options, are emerging.
- [4] There is a lack of support and funding to implement international interoperable PID solutions.
- [5] Methods and tools to track re-use of research data and other scholarly materials are lacking.



KEY STAKEHOLDERS

- e-Infrastructure and data centres**: e-Infrastructure and data centre operators who need to serve community needs, implement and adhere to standards, and are ultimately responsible for supporting an interconnected fabric of data-intensive research and scholarship. Moreover, third-party providers of value-added services, such as impact assessment and information discovery, are increasingly emerging.
- Researchers**: Scientific and research communities who rely on trusted e-Infrastructure to thrive in the data-intensive era, and ultimately evolve into an e-Science perspective, where research outputs are routinely shared and re-used.
- Scholarly communication**: The scholarly communication community including publishers and libraries who are the main actors in disseminating and discovering research, to a scientific community in flux towards data-intensive science.
- Funders and policy makers**: Funders and policy makers who are responsible for funding research in general and e-Infrastructures in particular, with a need to increase collaboration and ultimately optimise investment of funds.

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Merci!

Tuesday August 26 2014 - 14:15

- Technical hands-on session: DataCite and ORCID - APIs and Tools @INIST.

Tuesday September 09 2014 (TBC)

- After ODIN: looking to the future (webinar) @ <http://odin-project.eu>

Wednesday, September 24 2014 – 13:30 to 17:00

- ODIN Final Event @ Amsterdam, Netherlands. <http://odin.eventbrite.com>