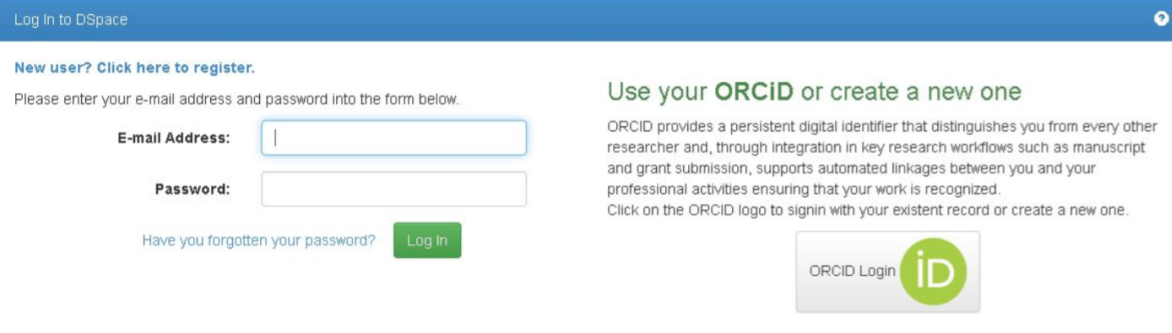


# Interoperability with external systems and databases

- 1) Scripts are provided to query periodically bibliographic databases such as: PubMed, Scopus, Web of Science
- 2) Deduplications can be used to merge found records in multiple sources or previously entered.
- 3) SOAP WebServices for READ-ONLY access to CRIS information
- 4) DSpace-CRIS is more machine friendly than never. It supports the following [signposting patterns](#): Author, Identifier, Publication Boundary
- 5) Integrated with bibliometric database (PubMed Central Cited by, Scopus and Web of Science)
- 6) ORCID integration for both public and member APIs

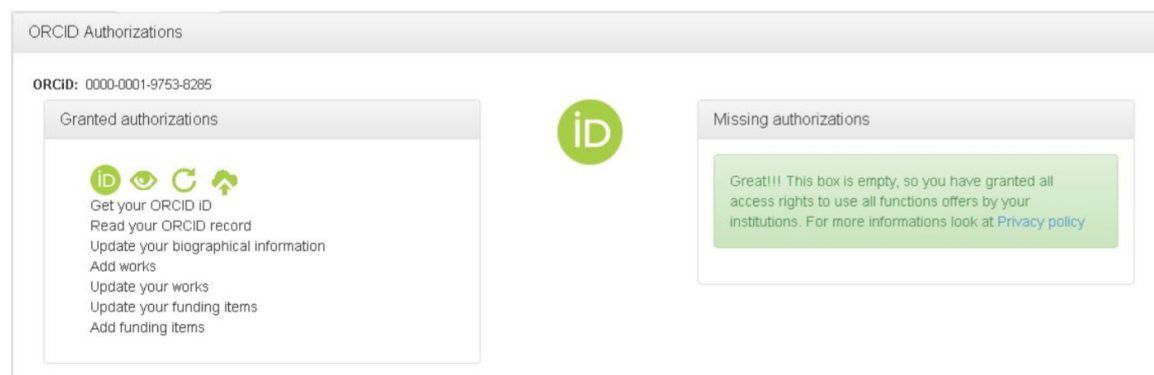
DSpace-CRIS provides the most effective integration with ORCID for both public and member APIs.

To create a new record, the system by default allows any person to capture information directly from ORCID:



The image shows a web interface for logging into DSpace. At the top, there is a blue header bar with the text "Log In to DSpace" and a small circular icon on the right. Below the header, the main content area is white. On the left side, there is a registration link: "New user? Click [here](#) to register." followed by the instruction "Please enter your e-mail address and password into the form below." Below this, there are two input fields: "E-mail Address:" and "Password:". To the right of the "E-mail Address:" field is a small blue box containing a vertical line. Below the "Password:" field is a small green button labeled "Log In". To the right of the "Log In" button is a link: "Have you forgotten your password?". On the right side of the main content area, there is a section titled "Use your ORCID or create a new one" in green text. Below this title, there is a paragraph of text explaining ORCID: "ORCID provides a persistent digital identifier that distinguishes you from every other researcher and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized. Click on the ORCID logo to sign in with your existent record or create a new one." Below this text is a button labeled "ORCID Login" with the ORCID logo (a green circle with a white 'i' and 'D') to its right.

Then it's possible to connect local profiles with the ORCID registry from the Researcher Page. There's a specific "ORCID tab" to do so:



Another important feature allows the transfer of information from the repository to the ORCID Registry and viceversa, through the synchronization preferences:

ORCID Synchronization settings

Synchronization mode

Enable "Manual" Synchronization Mode to disable batch synchronization, so you must send your data to Orcid Registry **manually**

Synchronization mode: Batch | Manual

Publications Preferences: Choose your preference for publications  
☐ Disable  
☒ Send all publications  
☐ Send my selected publications  
☐ Send my publications

Projects Preferences: Choose your preference for projects  
☒ Disable  
☐ Send all projects  
☐ Send my selected projects  
☐ Send my projects

Profile Preferences: Choose your preference for profile  
 biography ☒ credit-name ☒  
 primary-email ☒ name ☒  
 iso-3166-country ☐ keywords ☒  
 other-emails ☐ other names ☐

Save Changes Exit

---

ORCID Synchronization settings

Publications Preferences: **Send all publications**

Projects Preferences: **Disabled**

Profile Preferences: biography, credit-name, primary-email, name, iso-3166-country, keywords, other-emails, other names

ORCID Registry Queue

The batch system in the next run will send the follow data to the Orcid Registry PUT request for "publications" Synchronization activated

Show 10 entries Search:

**The queue**

Pascarelli, Andrea

This is a test case for ORCID claim

test

Showing 1 to 3 of 3 entries

Send Send Send

Manual PUSH

So the items in your repository will then appear in your ORCiD profile:

ORCID Connecting Research and Researchers

FOR RESEARCHERS FOR ORGANIZATIONS ABOUT HELP SIGN OUT

MY ORCID RECORD **PROX (1)** ACCOUNT SETTINGS DEVELOPER TOOLS LEARN MORE

42,377 ORCID iDs and counting. See more...

Show archived

Preferred name

ORCID ID  
 sandbox.orcid.org/0000-0002-9421-192X  
 View public version

From	Subject	Date
DSpace-CRIS Demo WebSite	Your ORCID Record was amended	2016-02-19

DSpace-CRIS Demo WebSite has updated items in the Work section of your record.

Archives View on your record

Preferred name

ORCID ID  
 sandbox.orcid.org/0000-0002-9421-192X  
 View public version

Get a QR Code for your ID

Also known as  
 DSpace-CRIS, Researcher

Country

Keywords

Websites

Emails  
 researcher.dspacecris@gmailinator.com

Biography

Education (0)  
 You haven't added any education, add some now

Employment (0)  
 You haven't added any employment, add some now

Funding (0)  
 You haven't added any funding, add some now

Works (1)  
 Test Article for ORCID  
 Sample journal  
 2015-01-01 | other  
 SOURCE-WORK-ID: 65  
 URL: http://demo-dspace-cris.cineca.it/handle/123456789/41  
 Source: DSpace-CRIS Demo WebSite

Finally, external researchers can use their ORCID profiles to login into the system:

