

# Better Together with OJS

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Connecting Research  
and Researchers

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@gabioshka  
@ORCID\_Org

# Introductions



Gabriela Mejias  
ORCID



Dulip Withanage  
PKP  
Heidelberg University Library

# Why **ORCID**?

To solve the name ambiguity issue



**Markus Pössel**  
@mpoessel

One of the crucial reasons we need @ORCID\_Org

ORCID iD	First name	Family name
<a href="https://orcid.org/0000-0002-3185-4258">https://orcid.org/0000-0002-3185-4258</a>	Thomas	Müller
<a href="https://orcid.org/0000-0002-6914-9570">https://orcid.org/0000-0002-6914-9570</a>	Thomas	Müller
<a href="https://orcid.org/0000-0002-6971-5747">https://orcid.org/0000-0002-6971-5747</a>	Thomas	Muller
<a href="https://orcid.org/0000-0001-8726-6052">https://orcid.org/0000-0001-8726-6052</a>	Thomas	Müller
<a href="https://orcid.org/0000-0002-0013-2156">https://orcid.org/0000-0002-0013-2156</a>	Thomas	Müller
<a href="https://orcid.org/0000-0002-2857-428X">https://orcid.org/0000-0002-2857-428X</a>	Thomas	Müller
<a href="https://orcid.org/0000-0002-3400-3248">https://orcid.org/0000-0002-3400-3248</a>	Thomas	Müller
<a href="https://orcid.org/0000-0003-1427-2982">https://orcid.org/0000-0003-1427-2982</a>	Thomas	Müller
<a href="https://orcid.org/0000-0001-5331-5522">https://orcid.org/0000-0001-5331-5522</a>	Thomas	Müller
<a href="https://orcid.org/0000-0002-7646-8115">https://orcid.org/0000-0002-7646-8115</a>	Thomas	Müller

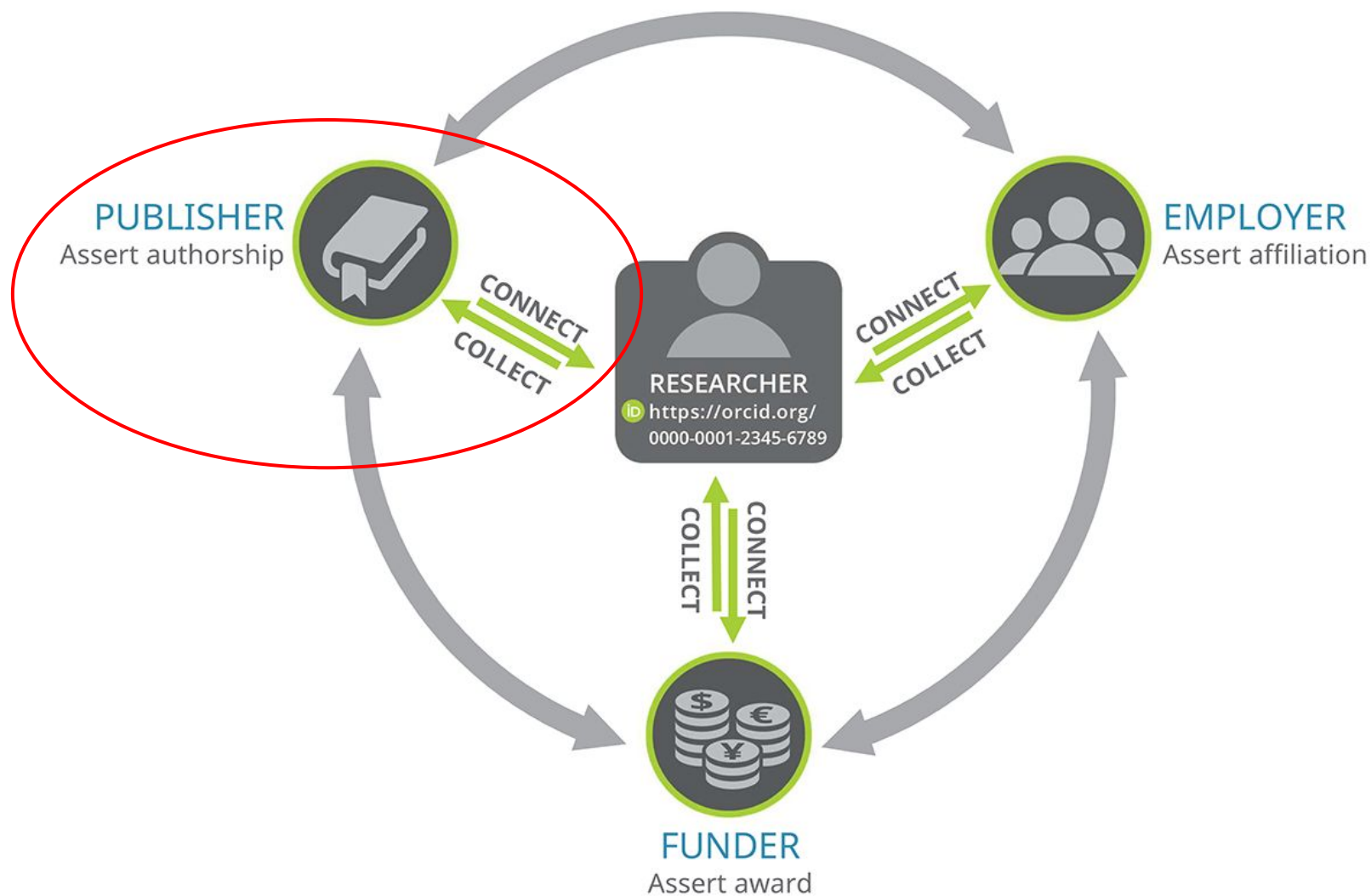
# What is ORCID?

- ORCID is an open, not-for-profit organization run by and for the research community
- We provide researchers with a unique identifier, an ORCID iD, that reliably and clearly connects them with their research contributions, affiliations, funding & facilities
- We provide open tools (ORCID Registry & API) that enable transparent connections between researchers, and identifiers for their activities & contributions.



# INTEROPERABILITY

ENTER ONCE  
REUSE OFTEN



# Our Community

- 1059 members from 40+ countries
- 20 consortia
- 600+ system integrations: all research sectors
- 7M+ iDs connected to:
  - 7M+ affiliations
  - 42M+ works
  - 16M+ unique DOIs



# Poll #1

# ORCID APIs

→ Sandbox (Testing)

<https://orcid.org/content/register-client-application-sandbox>

→ Production (Live Registry)

<https://orcid.org/content/register-client-application-production-trusted-party>

<a href="#">Public API</a> Freely available	<ul style="list-style-type: none"><li>•Authenticate: Get a user's authenticated ORCID iD</li><li>•Read (Public): Search/retrieve public data</li><li>•Create: Facilitate creation of new ORCID records (via on-demand process)</li></ul>
Member API - Basic Basic membership	<ul style="list-style-type: none"><li>•Read (Limited): Search/retrieve limited-access data</li><li>•Add: Post new items to a record</li><li>•Update: Edit or delete items you previously added</li></ul>
Member API - Premium Premium & Consortium membership	<ul style="list-style-type: none"><li>•Webhooks: Receive notifications of updates</li><li>•Monthly reports (including email stats)</li><li>•Access to monthly public data file</li></ul>



<https://members.orcid.org/api>

<https://orcid.org/about/membership/comparison>



# Poll #2

# Works in ORCID records

Number of works... 45,313,961

Works by visibility

- LIMITED (1,230,408)

- PRIVATE (2,043,620)

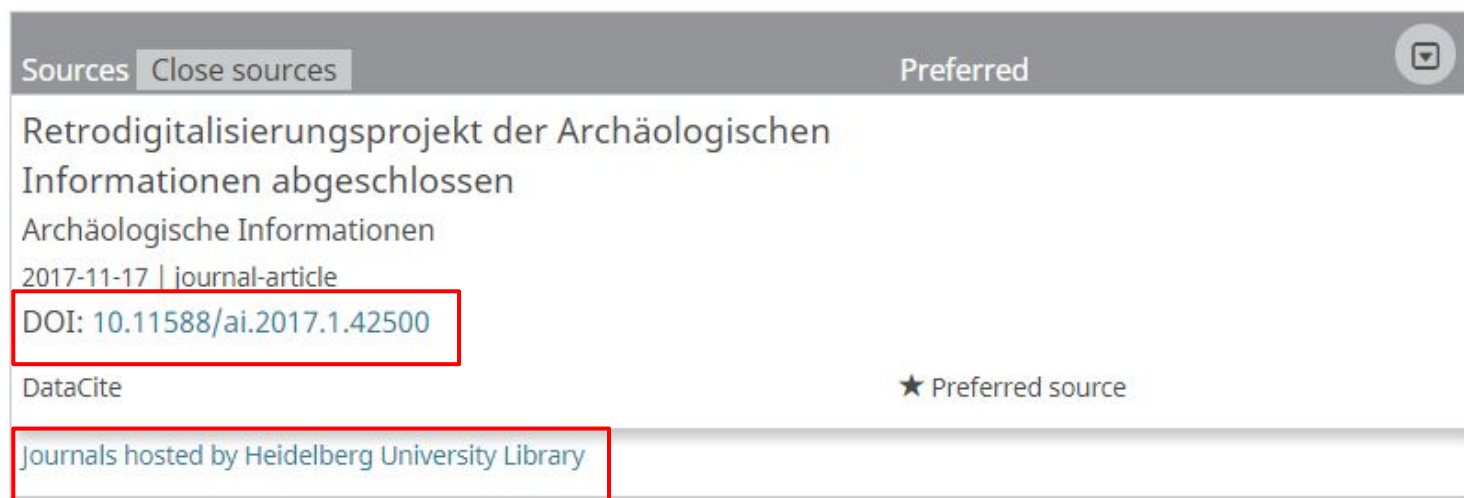
- PUBLIC (42,040,311)

Works that have an identifier... 40,202,714

Of those works with DOIs, # of unique DOIs... 17,276,079

Number of works added by members... 30,075,370

# Interoperability in action



The screenshot shows a web interface for managing ORCID sources. At the top, there are tabs for 'Sources' and 'Close sources', and a 'Preferred' button with a dropdown icon. The main content area lists a source titled 'Retrodigitalisierungsprojekt der Archäologischen Informationen abgeschlossen' with the subtitle 'Archäologische Informationen'. Below this, it shows the date '2017-11-17' and the type 'journal-article'. A red box highlights the DOI '10.11588/ai.2017.1.42500'. Below the DOI, it says 'DataCite' and '★ Preferred source'. At the bottom, another red box highlights the text 'Journals hosted by Heidelberg University Library'.

Sources Close sources Preferred

Retrodigitalisierungsprojekt der Archäologischen  
Informationen abgeschlossen  
Archäologische Informationen  
2017-11-17 | journal-article  
DOI: 10.11588/ai.2017.1.42500  
DataCite ★ Preferred source  
Journals hosted by Heidelberg University Library

Works are automatically grouped when:

- they share the same identifier (DOI, ISBN, etc)
- set with the relation "self"



Source: <https://orcid.org/0000-0001-6396-4876>

<https://support.orcid.org/hc/en-us/articles/360006894774-Group-multiple-versions-of-the-same-work-together>

# Join the conversation!



<http://pkpbcn19.net/>

# OJS - Orcid Integration

Dulip Withanage

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SEIT 1386

**OJS**  
OPEN JOURNAL SYSTEMS

**PKP**  
PUBLIC  
KNOWLEDGE  
PROJECT

# OJS - Orcid Integration

- OJS
- ORCID Plugin
- Questions

# OJS - Introduction

- Open Journal Systems (OJS) for Journals management and dissemination platform
- Free and open source software
- [Public Knowledge Project](#)
- Collaboration with Academic community
- Around 10,000 installations
- OMP

# OJS - Features

- Available versions 2 and 3
- Supports a complete publication workflow
  - Submission -> review -> copy-edit -> production
- Multi-role support
- Multi-journal installations
- Multilingual support



# OJS - Features

- Reader interface customization
- Plugins
  - Metadata
  - Authorization
  - block plugins
  - Payment
  - Import export
  - Report
  - Generic
- Application Programming Interface
- <https://docs.pkp.sfu.ca/>

# OJS - Roles

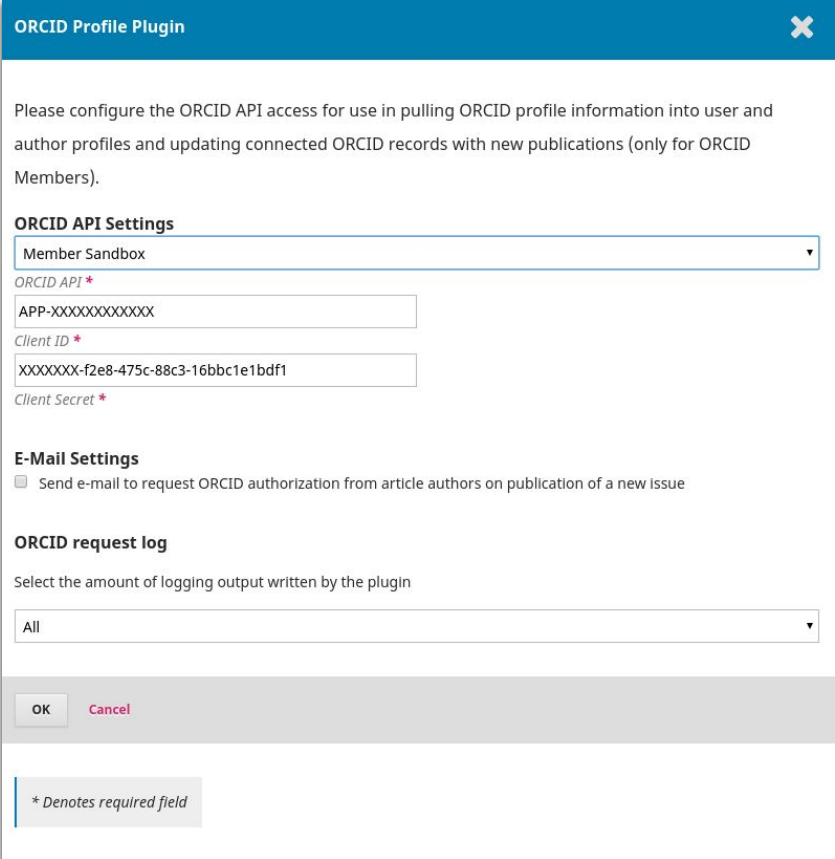
- Roles
  - Journal users
  - Authors
- Additional metadata fields identifiers
  - Orcid
  - Authority files

# OJS - ORCID Plugin

- Introduction
- Development History
- Specification
- Functionality

# ORCID Plugin Introduction

- Generic plugin
- ORCID API 2.1
  - Member API
  - Public API
- Configuration
- Logging



The screenshot shows a configuration window titled "ORCID Profile Plugin" with a close button (X) in the top right corner. The window contains the following sections:

- Instructions:** "Please configure the ORCID API access for use in pulling ORCID profile information into user and author profiles and updating connected ORCID records with new publications (only for ORCID Members)."
- ORCID API Settings:**
  - A dropdown menu currently set to "Member Sandbox".
  - ORCID API \*** (required field): A text input field containing "APP-XXXXXXXXXX".
  - Client ID \*** (required field): A text input field containing "XXXXXX-f2e8-475c-88c3-16bbc1e1bdf1".
  - Client Secret \*** (required field): An empty text input field.
- E-Mail Settings:**
  - A checkbox labeled "Send e-mail to request ORCID authorization from article authors on publication of a new Issue".
- ORCID request log:**
  - Text: "Select the amount of logging output written by the plugin".
  - A dropdown menu currently set to "All".
- Buttons:** "OK" and "Cancel" buttons at the bottom left.
- Footnote:** A small box at the bottom left stating "\* Denotes required field".

# ORCID Plugin Development

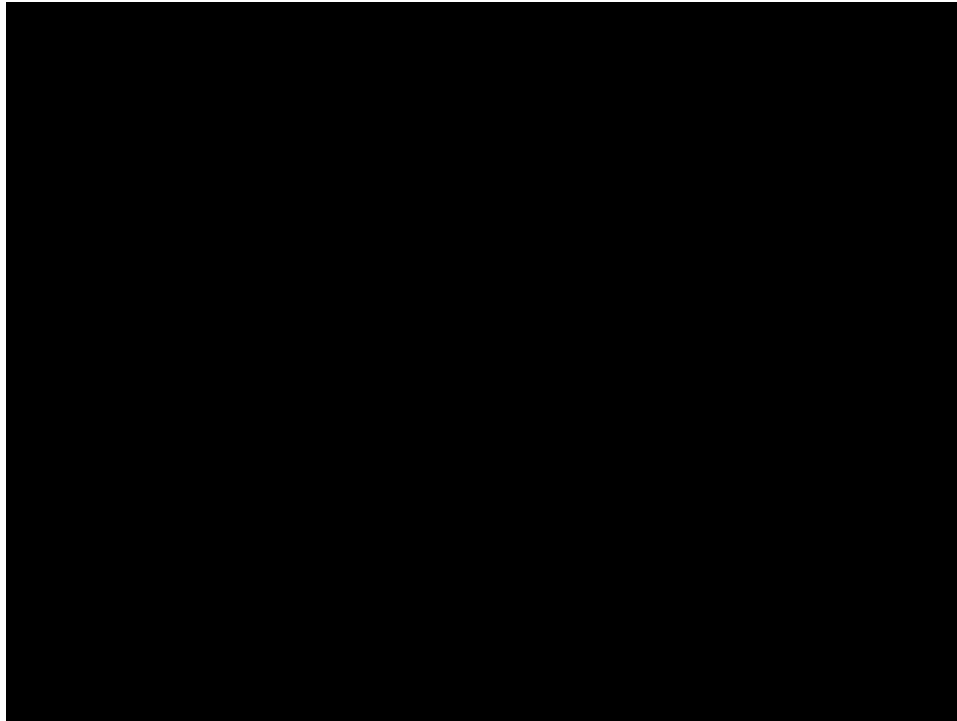
- Historical facts
  - [ULS - University of Pittsburgh](#)
  - [Public knowledge Project](#)
  - [Heidelberg University Library](#)
  - Community
  - <https://github.com/pkp/pkp-lib/issues/2818>

# OJS-ORCID specification

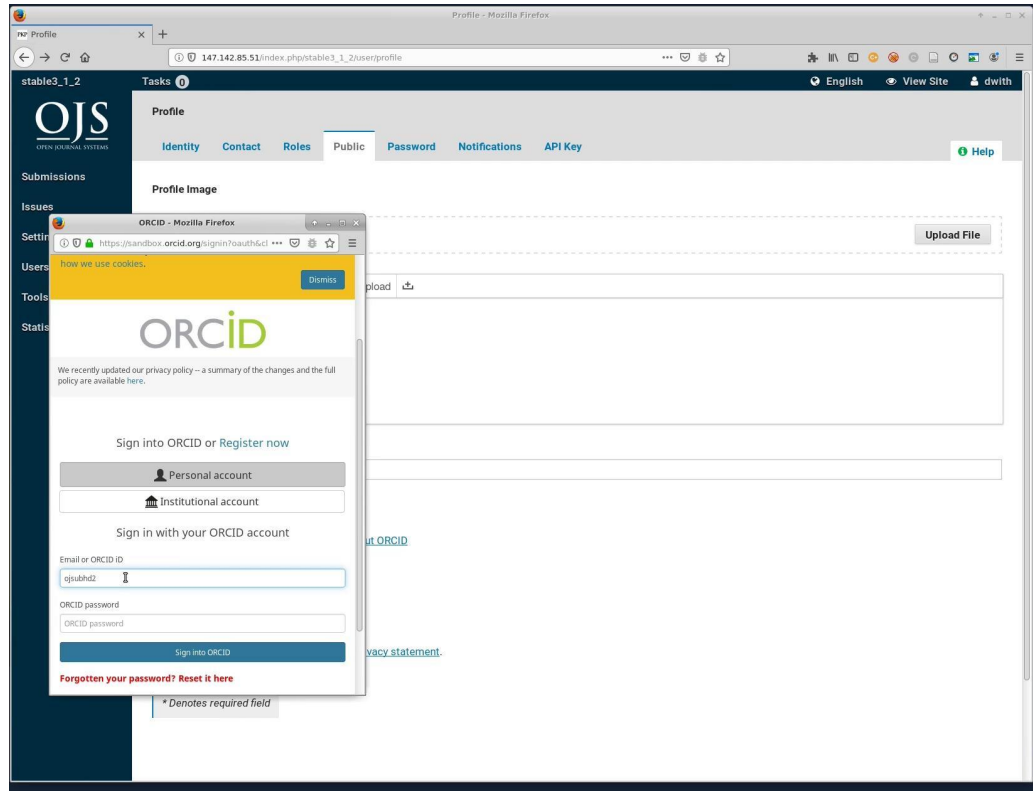
Installation / User group	Public-API	Member-API
Sandbox	x	-
Production	-	-

- Sandbox Installations for testing purposes
  - Only mailinator email addresses
- Production API 2.1
- OJS Version 3.1.1 + (3.1.2 recommended)

# Orcid Plugin - Installation

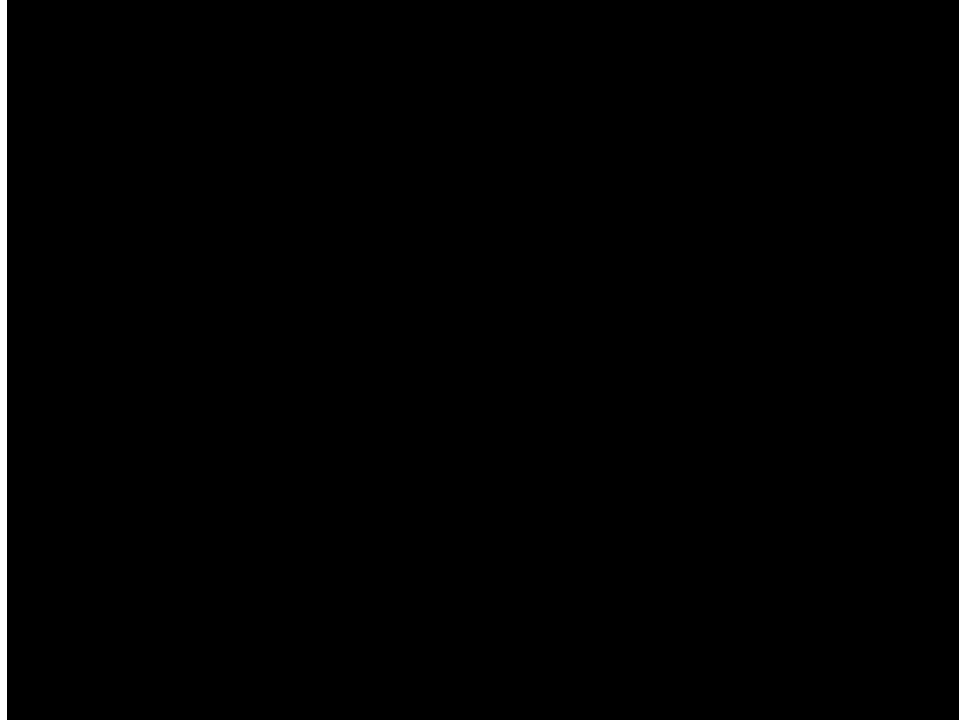


# Orcid Plugin - User Authorization





# **ORCID Plugin User submission**



# External author submission

The screenshot shows the 'Submission and Publication Metadata' form in the Open Journal Systems (OJS) interface. The form is divided into several sections: 'Section' (Articles), 'Prefix' and 'Title' (Article from an external author), 'Subtitle', 'Abstract' (with a rich text editor), 'List of Contributors' (a table with columns for Name, Email, Role, Primary Contact, and In Browse List), and 'Cover Image' (with a file upload button). The interface is dark-themed, and the OJS logo is visible in the top left corner.

**Submission and Publication Metadata**

**Section**  
Articles  
Articles must be submitted to one of the journal's sections. \*

**Prefix** **Title \***  
Article from an external author  
Examples: A, The

**Subtitle**

**Abstract \***  
Abstract

**List of Contributors**

Name	Email	Role	Primary Contact	In Browse List
admin admin	admin@admin.de	Author	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
External Author	eaauthor@mailinator.com	Author	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Cover Image**  
Drag and drop a file here to begin upload  
Upload File

Platform & workflow by  
OJS / PKP

# Integration and next steps

- [University Library Heidelberg Integration](#)
- <https://github.com/pkp/pkp-lib/issues/4935>

Thank you!