



Scientific
Information
Service

Open access at CERN in practice

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The CERN OA Policy

First issued by the Director-General - 16.10.2014
Amended by the Director-General - 27.04.2017
Amended by the Director-General - 25.05.2021

Open Access Policy for CERN Publications

The CERN Open Access Policy reflects values that have been enshrined in the CERN Convention for more than sixty years, were reaffirmed in the European Strategy for Particle Physics (2020)¹, and are becoming increasingly more important for the Member States, the European Commission, and other institutional partners across the world.

For thirty years, most of CERN's physics publications have been made immediately and openly accessible online in the form of CERN preprints. Journal articles published by LHC collaborations on experimental results have systematically been published open access since 2010. Through the SCOAP³ program, CERN and international partners from over 40 countries have converted most of the journals in the field to open access since 2014, at no cost to authors worldwide. Furthermore, through agreements with most of the major publishing houses, the large majority of CERN articles falling outside of SCOAP³ are also published open access. The related costs are met centrally by the CERN Scientific Information Service.

In continuation of this spirit and in line with the values of the CERN Convention,

CERN authors[†] are required to publish all of their peer-reviewed primary research articles[‡] open access (by default under a Creative Commons attribution license, i.e. CC-BY-4.0).

CERN authors should publish, as much as possible, in the journals[§] covered by SCOAP³. Open Access publishing for the majority of research articles outside of the SCOAP³ journals will be supported through existing, dedicated agreements with publishers[¶], which cover primary research articles with CERN corresponding authors^{††}. When CERN participates in projects with external funding where publications are part of the covered costs, publication fees should be carried by the project. When circumstances require publication in journals that are not covered by SCOAP³ or the agreements secured by the Scientific Information Service or another Institution, CERN authors are eligible for central open access funding upon request (prior to journal submission) to the Scientific Information Service.

Authors should consult the interactive CERN OA Guide [<https://scientific-info.cern/author-guide>] to find their best option to comply with the CERN Open Access policy.

Make your research:

- ✓ More visible
- ✓ Shareable
- ✓ Reusable

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- How can I find information on journals where I can publish my articles in OA?
- What if the journal I want to submit my article doesn't provide an open access option?
- What is an ORCID, why do I need this?
- What about licenses and copyright?
- What about my data?

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The Open Access mechanisms available at CERN

Sponsoring Consortium for
Open Access Publishing in
Particle Physics



SCOAP³



Collective
models

CERN supports other OA models
transparent for the author

CERN has negotiated Open
access agreements with 10
publishers (more than 4000
journals)



OA agreements



Individual APC

For other articles the fees can
be centrally covered under
certain conditions

CERN Author guide

CERN Scientific
Information Service

Archive
Library
Open Science
Publishing
Tools & Services

Welcome to the CERN Author Guide

By answering some simple questions, this tool will guide you to your best option to publish your article **Open Access!**

Start

<https://scientific-info.cern/cern-author-guide>

- ✓ Look for a journal title
- ✓ Answer a few questions about the authorship of the article
- ✓ Get guidelines

Other sources of information

- <http://cern.ch/open-access>
 - Detail of the agreements and guidelines
 - “Author journeys” provided by the publishers
- Didn't find the information you need?
 - Contact open-access-questions@cern.ch

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Ensure the article is available as “green open access”!

- Green open access: make the preprint and/or the accepted manuscript freely available through a repository
- Check the journal policy regarding green Open Access
 - On the publisher website
 - Sherpa Romeo: <https://v2.sherpa.ac.uk/romeo/>
- Make the preprint available on arxiv or directly on CDS (CERN Document Server)



CERN Document Server
Access articles, reports and multimedia content in HEP

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ORCID

- Persistent identifier for authors
- Helps disambiguation of author names
- Useful for:
 - Article submission for some publishers
 - Manage your publication list
 - Connect your papers in Inspire
- How to get one ID?
 - <https://orcid.org/register>



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Creative commons licenses

- CERN Open access policy requires:



- This license allows to distribute, reuse, adapt, and build upon the material in any medium or format, so long as attribution is given to the creator. The license allows for commercial use.

- Other variants:



Adaptations must be shared under the same terms



Only non-commercial uses of the work are permitted



No derivatives or adaptations of the work are permitted

Authors retain the copyright

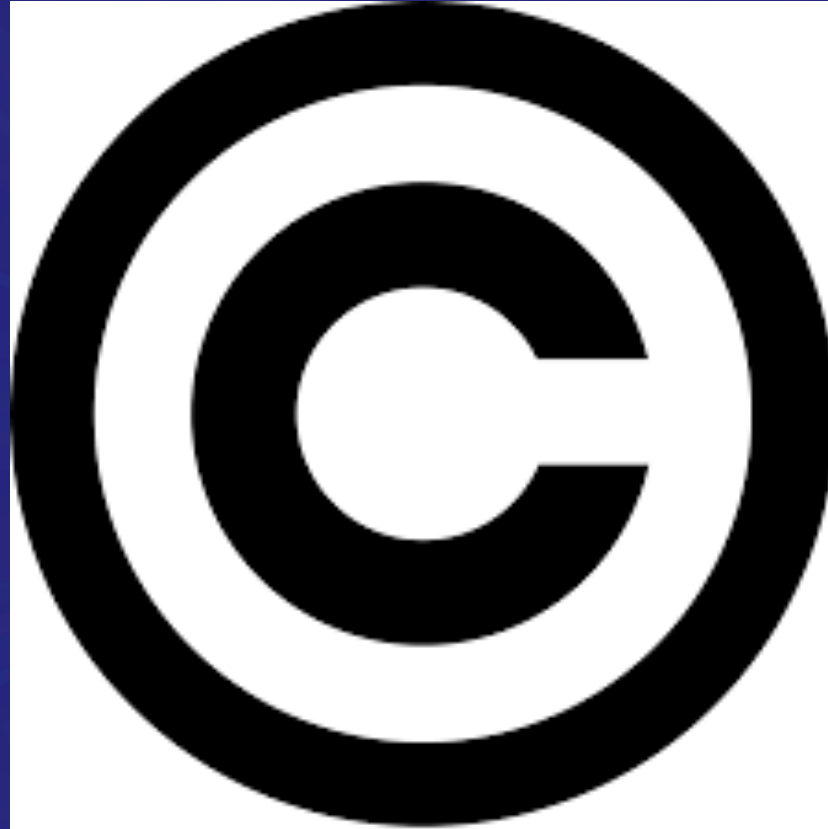
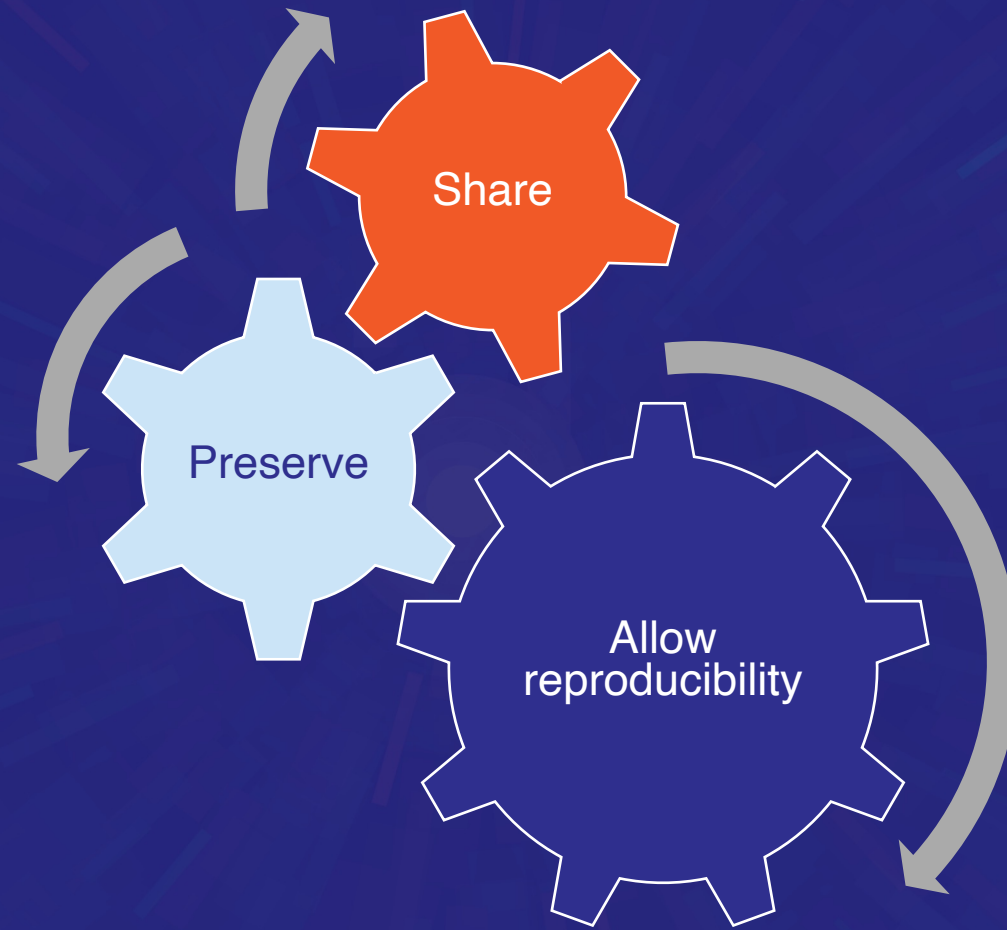


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Why make your data open?



Tools for managing research data at CERN



CERN Open Data Portal allows HEP experiments to share their data (collisions, simulations, related software, etc.)



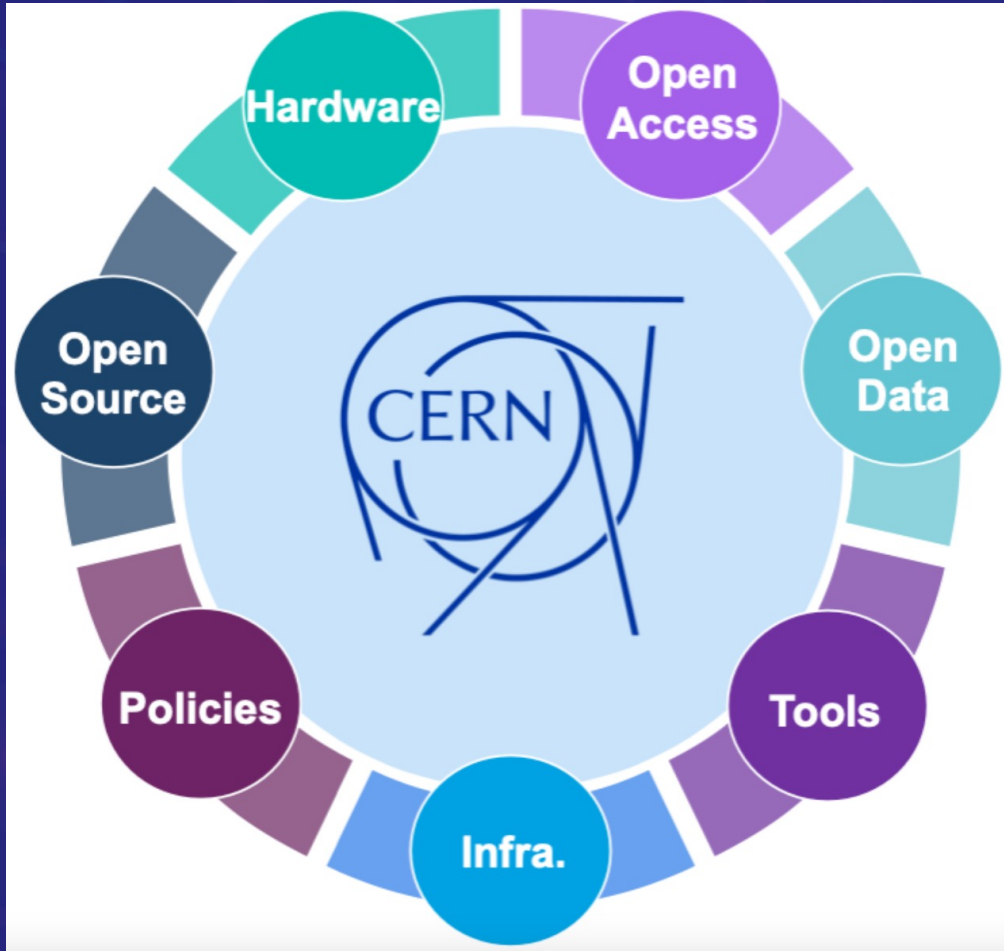
Zenodo is a multi-disciplinary open research repository commissioned by the EC through OpenAIRE, operated by CERN



HEPData is the primary repository for tables and datasets related to ca. 10'000 publications

Operated by Durham University in collaboration with CERN

Open access to the article is only one step



- CERN open data policy for LHC experiments:
 - <http://dx.doi.org/10.17181/CERN.QXNK.8L2G>
- CERN open science policy (just released):
 - <http://dx.doi.org/10.17181/CERN.RTIF.Z8BO>



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Thank you!

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