



Scientific
Information
Service

Le libre accès au CERN

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22 Novembre 2023

“Green open access”, une longue tradition au CERN...

- Convention du CERN, signée en 1953

fins militaires et les résultats de ses travaux expérimentaux et théoriques sont publiés ou, de toute autre façon, rendus généralement accessibles.

- Culture “preprint” dans la discipline
 - arXiv
 - Dépôt institutionnel, CDS



CERN Open Access 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.



Les modèles disponibles au CERN pour publier en libre accès

Sponsoring Consortium for
Open Access Publishing in
Particle Physics



SCOAP³



Diamond OA

Le CERN soutient d'autres
modèles OA transparents
pour l'auteur

Le CERN a négocié des
accords avec 10 éditeurs
(certaines via le Consortium
Suisse)



Accord R&P





APC individuel

Pour les autres articles, les frais
peuvent être couverts de
manière centralisée sous
certaines conditions

- Sponsoring Consortium for Open Access Publishing in Particle Physics
 - <https://scoap3.org>
- 11 revues HEP totalement ou totalement converties en Open Access
- Tous les articles sont automatiquement publiés OA, sous licence CC-BY
- L'année prochaine, SCOAP3 fêtera ses 10 ans.



Full OA Journals:

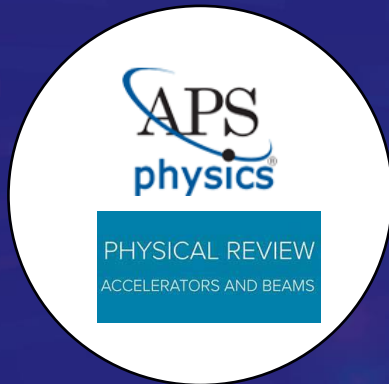
	European physical Journal C JHEP
	Nuclear physics B Physics Letters B

Partial OA Journals (HEP):

	Acta Physica polonica B
	AHEP
	Chinese physics C
	Physical review C Physical review D
	Physical review letters PTEP

Diamond Open Access

- Le CERN sponsorise certains éditeurs pour financer l'OA pour tous les articles.
- Transparent pour l'auteur
- Tous les articles sont automatiquement publiés en OA



Accords R&P avec les éditeurs

Article soumis par les auteurs correspondants du CERN et les collaborations*

CERN SIS valide l'éligibilité de l'article



AIP



IOP Publishing *



SPRINGER NATURE

WILEY



ACS
Chemistry for Life®



L'éditeur capture l'article comme faisant partie de l'accord

Accords avec les éditeurs “Gold open access”

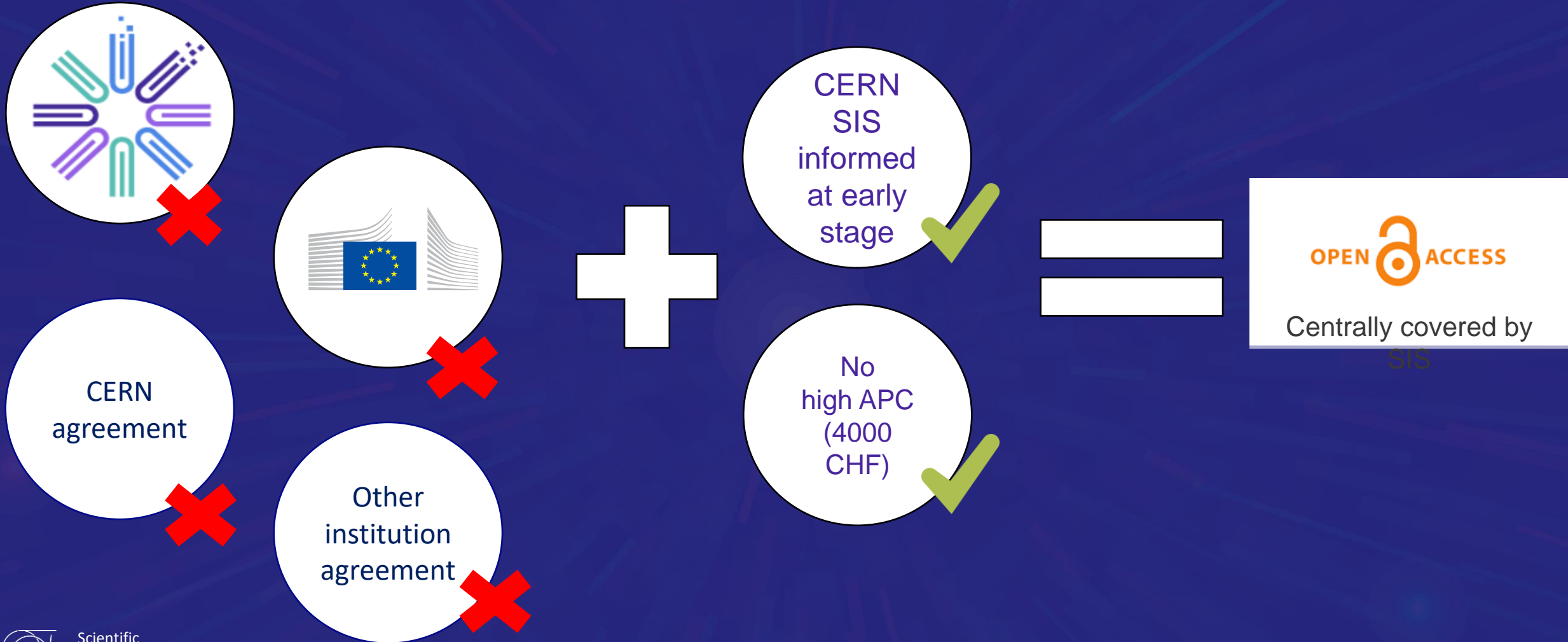


- Le CERN a des accords avec notamment:
 - MDPI
 - Frontiers

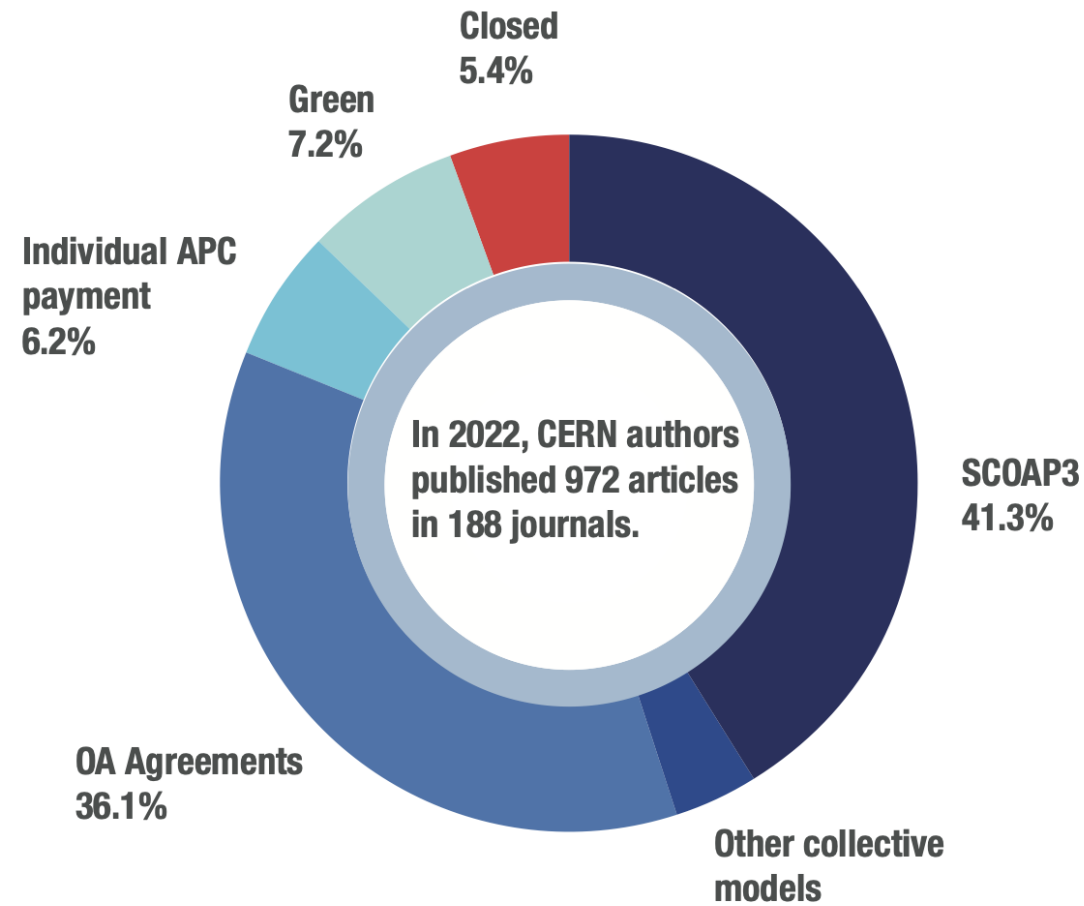


- Rabais pour les auteurs affiliés au CERN
- APC couvert par le SIS du CERN, après vérification de l'éligibilité
- Discussions autour des pratiques de marketing de ces éditeurs

Pour les articles non couverts par les accords avec les éditeurs



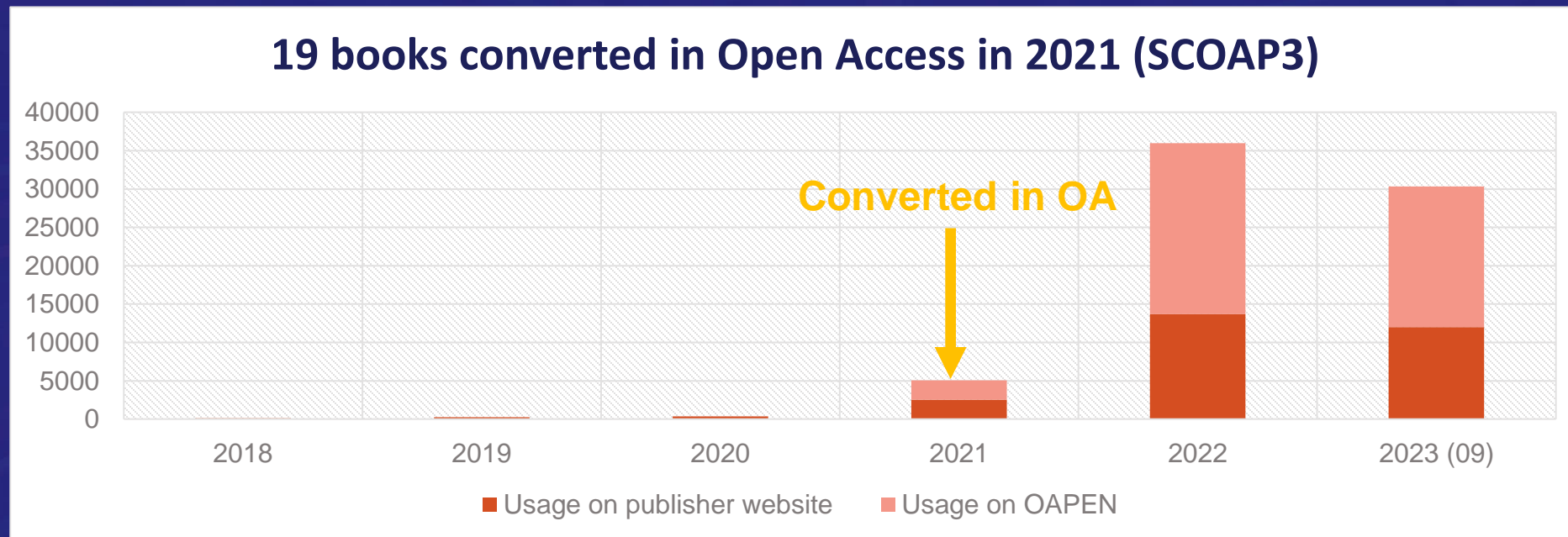
OA au CERN en 2022



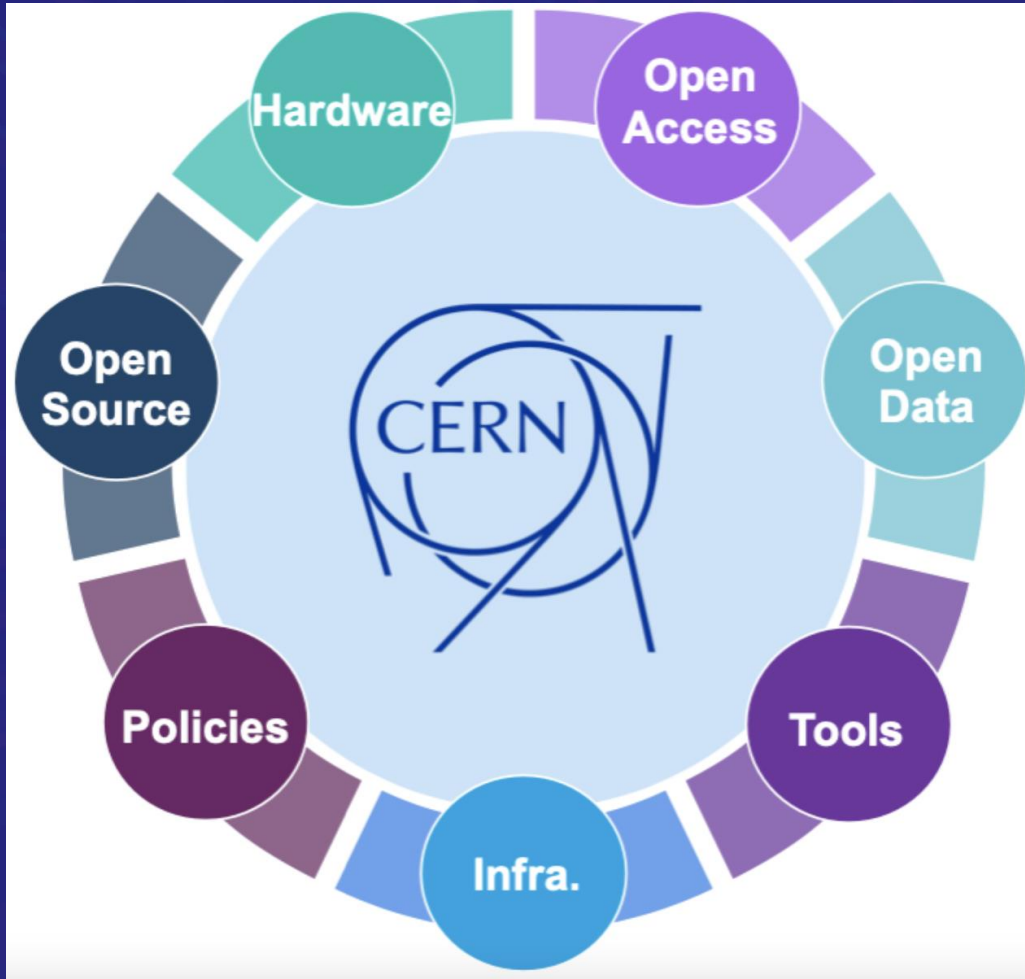
OA share of CERN publications

Libre accès pour les monographies

- CERN soutient l'OA pour les monographies
- SCOAP3 a déjà converti plus de 80 livres en OA, et en 2023 va financer 19 livres publiés directement en OA
- Fort impact sur l'usage:



CERN Open Science Policy



Approved by the Director General on 01 October 2022

CERN OPEN SCIENCE POLICY

The European Organization for Nuclear Research (CERN), the world's largest high-energy physics (HEP) laboratory, has the mission to: perform world-class research in fundamental physics at the forefront of human knowledge; provide a unique range of particle accelerator facilities that enable this research; educate the next generation of scientists; and unite people from all over the world to push the frontiers of science and technology, for the benefit of all.

The CERN Open Science Policy reflects values that have been enshrined in the CERN Convention for almost seventy years and were reaffirmed in the update of the European Strategy for Particle Physics¹ in 2020. These values recognise the universal importance of the fundamental scientific knowledge produced at CERN, the duty to make this knowledge available to everybody, and the key role of open science in the pursuit of CERN's mission. Supported by long-term financial investment from its Member and Associate Member States, with significant contributions also from non-Member States, CERN is committed to the advancement of science and the wide dissemination of knowledge by embracing and promoting practices making scientific research more open, collaborative, and responsive to societal changes.

Open science is defined by the United Nations Educational, Scientific and Cultural Organization (UNESCO) as “an inclusive construct that combines various movements and practices aiming to make multilingual scientific knowledge openly available, accessible and reusable for everyone, to increase scientific collaborations and sharing of information for the benefits of science and society, and to open the processes of scientific knowledge creation, evaluation and communication to societal actors beyond the traditional scientific community.”² CERN accordingly recognises the holistic practice of open science as one of its guiding principles and commits to it by:

- encouraging research processes and tools that foster international collaboration;
- supporting new and innovative research practices;
- enabling the free dissemination of knowledge and the accessibility of research outputs;
- requiring open access to publications and their metadata;
- encouraging and facilitating the sharing of data and analysis software;
- sharing software sources and hardware designs under appropriate free, open source licences;
- enabling knowledge preservation to support reusability and reproducibility;
- supporting citizen science and the development of open training/education resources;
- building and maintaining the necessary infrastructure to support open science; and
- fostering skills and developing incentives to support open science practices.

CERN-OPEN-2022-013
01/10/2022

CoARA – Coalition for advancing research assessment

- 588 signataires (dont CERN)
- Les principes clés
 - Baser l'évaluation principalement sur une évaluation qualitative, soutenue par des indicateurs quantitatifs
 - Abandonner l'utilisation inappropriée de l'Impact Factor et du h-index
 - Éviter d'utiliser les classements des organismes de recherche
- En savoir plus: <https://coara.eu>

CERN OSPO – lancement le 28/11/2023



28-29.NOV.23

WELCOME TO THE OSPO

Our new open source program office.
Be there with us.

Keynote speakers

 **OSHWA**
Alicia Gibb

 **World Health Organization**
Samuel Mbuthia

 **NVIDIA**
Bryce Leibach

SCIENCE GATEWAY AUDITORIUM C —
Scan QR for details.



Pour en savoir plus

<http://cern.ch/open-access>

<https://openscience.cern>





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Questions?

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