

SCOAP³ Forum

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CERN, Geneva, Switzerland

1st evaluation of OS Elements for Phase 4
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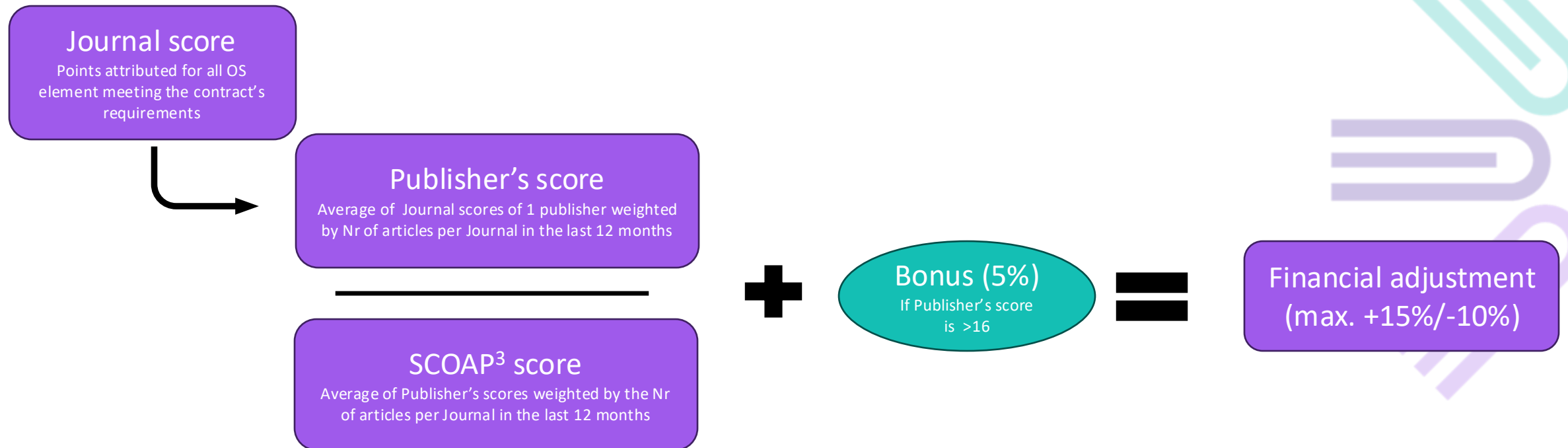
Sponsoring Consortium for
Open Access Publishing in Particle Physics

Outline

- * Process and Methodology
- * Results
- * Takeaways & Future

Process and Calculation

✱ Annual evaluation of Open Science Elements for all SCOAP³ Journals



Methodology

* Sources:

- Analysis of metadata:
 - From SCOAP3 Repository and CrossRef API (articles of the last 3 months of the previous year)
 - 2024 articles
- Information provided by the publishers from some elements

* Calculation for every element based on the contract description

* Source data and calculation shared with publishers for validation

* Final score calculation, after validation from all publishers

Results - by OS Element

OS Element	Max. Points in 2025	Average Points	Source
ORCID Integration	5	2.63	Presence of ORCIDs provided in evaluated set of articles; information about validation of ORCID provided by publishers
ROR Integration	2	1.68	Presence of ROR provided in evaluated set of articles from Crossref and the Repository
Public Peer Review	1	0	Information provided by publishers
Dataset Linking	2	1.97	Information provided by publishers (<i>further calculation on development of available dataset links will be done in 2026</i>)
Software Linking	2	1.97	Information provided by publishers (<i>further calculation on development of available software links will be done in 2026</i>)
Depositing of detailed Metadata to Crossref	6	2.17	List of mandatory and additional fields.
Excellence in Accessibility	4	1.98	Information provided by publishers (i.e. VPAT certificate)
Disclosure on SCOAP ³ Community Values	3	3	Information provided by publishers: transparency is evaluated not the actual compliance with the values
Total	25	15.4	

Results by publisher

Can also be found at <https://scoap3.org/journals-2025-2027/open-science-elements/>

Publisher	Journal	Score 2025
APS	Physical Review C (PRC)	20.18
	Physical Review D (PRD)	
	Physical Review Letters (PRL)	
Elsevier	Nuclear Physics B (NPB)	11.70
	Physics Letters B (PLB)	
IOP	Chinese Physics C (CPC)	8.00
Jagiellonian University	Acta Physica Polonica B (APPB)	3.00
Oxford University Press	Progress of Theoretical and Experimental Physics (PTEP)	5.00
Springer Nature	The European Physical Journal C (EPJC)	13.33
	The Journal of High Energy Physics (JHEP)	
Wiley	Advances in High Energy Physics (AHEP)	7.00
SCOAP ³ average		15.41

Takeaways & Future

- ✳ Good performance for (almost) every publisher:
 - Accessibility level AA of WACG standard
 - Transparency via the community values
- ✳ Areas of improvement:
 - Persistent identifiers (ROR and ORCID)
 - Metadata submitted to CrossRef
 - Links to datasets and software
 - More innovative OS practices (i.e. Open Peer-review)
- ✳ Ongoing dialogue with publishers important
- ✳ Next evaluation: January 2026
 - Will include calculation on dataset and software linking (compared to 2025)
- ✳ **Overall objective: Create incentives to develop Open Science practices across the portfolio**

THANK YOU

Any Questions or Comments?

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