

SCOAP3

The last four years



Open Access

A 60-year story from High-Energy Physics



When HEP scientists wrote papers in the '50s...



...mailed preliminary versions to colleagues...

...libraries organised these *preprints*...



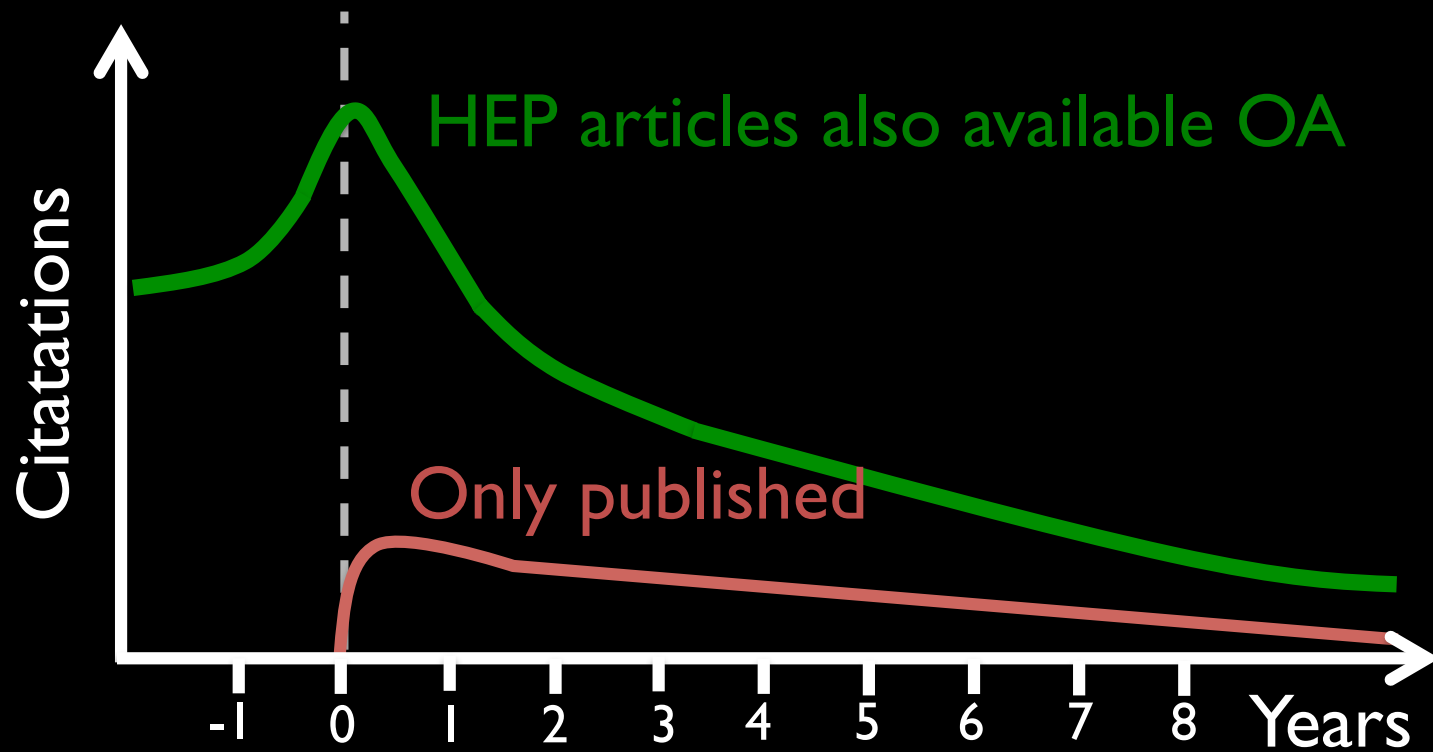


...physicists used a list-server at Los Alamos...



...and eventually everything went on the web.

97% of HEP articles available OA on arXiv.org



Journals seem not to be vehicles of communication
<10% HEP scientists read journals if preprint available



Journals have crucial quality-assurance role

Understand supply and demand for
Open Access Publishing
(STEM, Social Sciences, Humanities)

1.5M e-mails, 38k published scholars



MAX-PLANCK-GESELLSCHAFT



Science & Technology
Facilities Council



The gap

89%

scholars positive about Open Access journals

8%

articles/year published Open Access (120k/1.5M)

39%

scholars who quote “funding” as a barrier

31%

quote “prestige” and “quality” as a barrier



Need a bridge over the funding and quality gaps

SCOAP3

Convert high-quality HEP journals to OA

Transparently remove funding barriers

Libraries redirect subscriptions to SCOAP3

SCOAP3 pays centrally for peer-review

Price-per-article from call for tender

SCOAP3

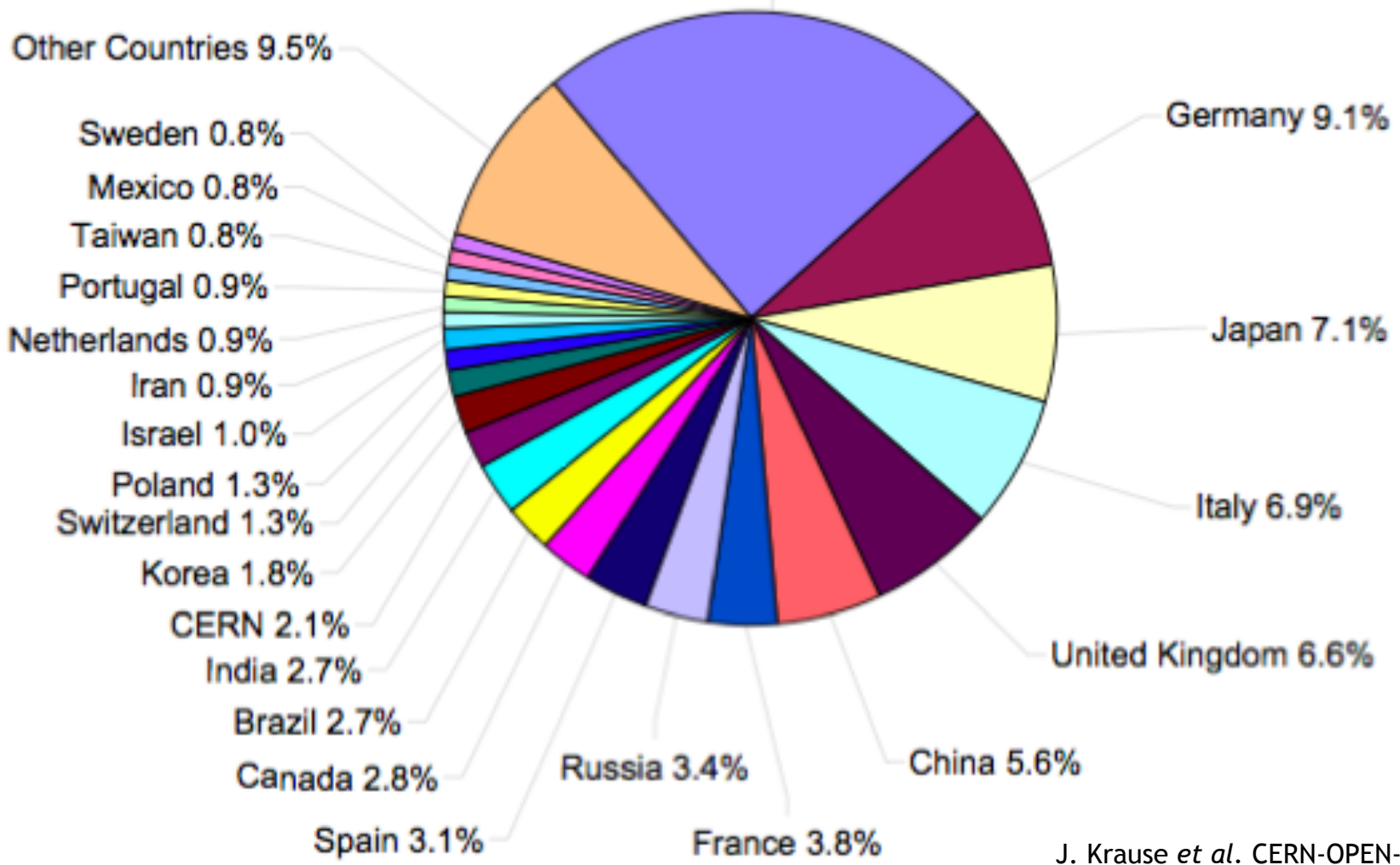
Leverage on large-scale collaborative culture and existing models in HEP

Coexistence of preprint repositories and sustainable high-quality journals



SCOAP3 funding: estimate 10MEur

United States 24.3%



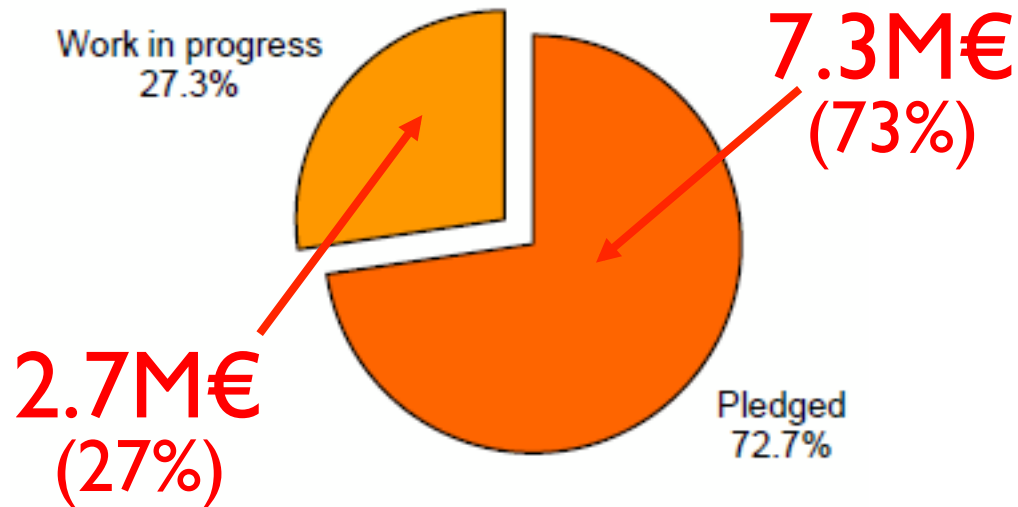
J. Krause *et al.* CERN-OPEN-2007-014

Fair-share: contribute as per peer-review usage



**building
global
partnerships**

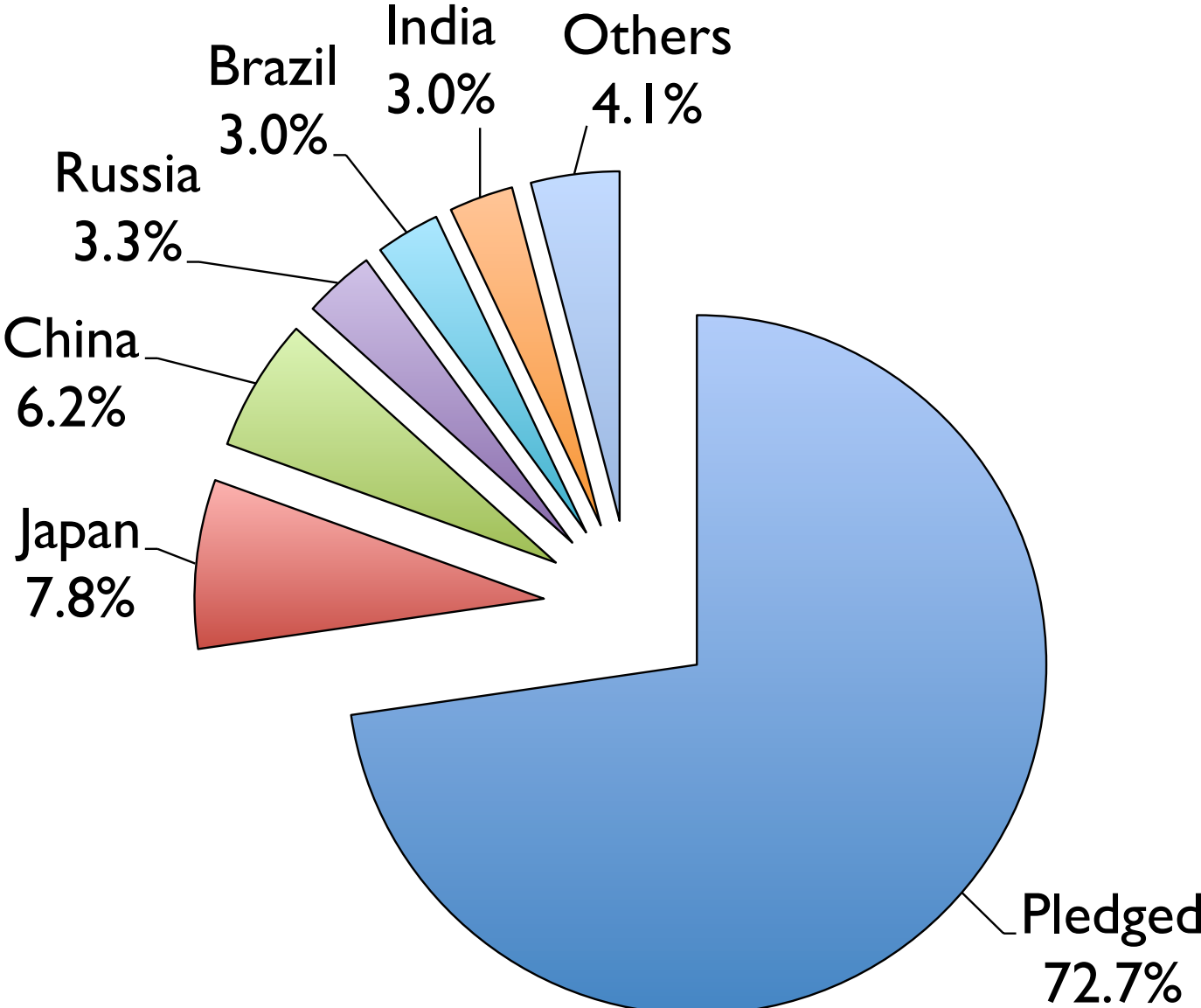
73% of the SCOAP3 budget envelope pledged by libraries, consortia and funders worldwide



SCOAP3 global partnership

Australia, Austria, Belgium, CERN, Czech Rep.,
Denmark, Finland, France, Germany, Greece,
Hungary, Israel, Italy, JINR (Russia), Korea,
Morocco, Netherlands, Norway, Portugal,
Romania, Slovakia, Spain, Sweden, Switzerland,
Turkey, UK (JISC), >150 U.S. libraries

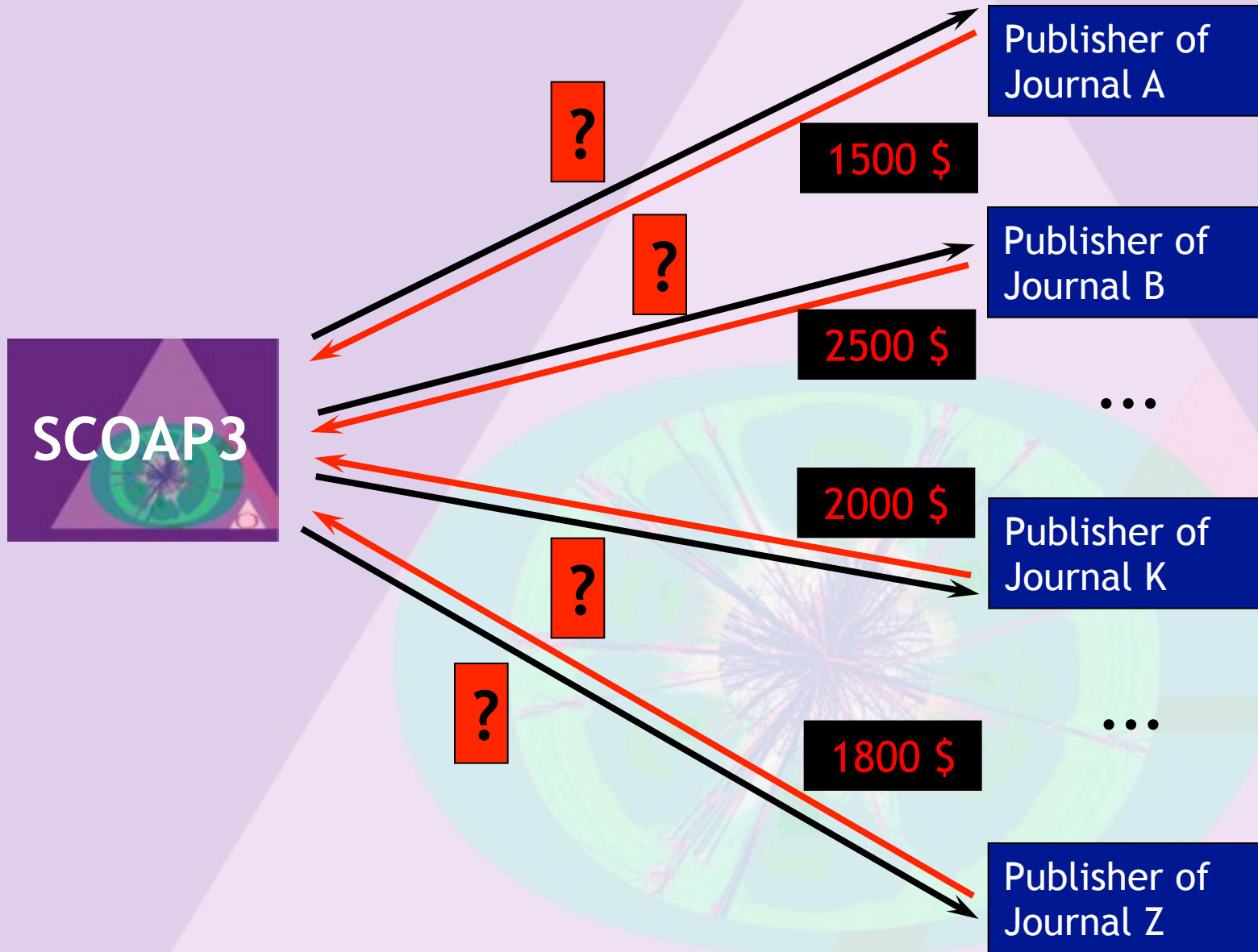
Next SCOAP3 partnerships



Thank YOU



The SCOAP3 tender concept - 1



The SCOAP3 tender concept - 2

Rank by a combination of
(high) quality and (low) price



The SCOAP3 tender concept - 3

Ranked by (high) quality and (low) price

Journal	Price	Volume	Contract	Expenditure
Journal K	2000 \$	1300	2.6 Mln \$	2.6 Mln \$
Journal A	1500 \$	2000	3.0 Mln \$	5.6 Mln \$
Journal Z	1800 \$	1000	1.8 Mln \$	7.4 Mln \$
Journal F	4000 \$	300	1.2 Mln \$	8.6 Mln \$
Journal L	2000 \$	1000	2.0 Mln \$	10.6 Mln \$
Journal R	1800 \$	1000	1.8 Mln \$	12.4 Mln \$
Journal Q	3000 \$	200	0.6 Mln \$	13.0 Mln \$
Journal P	800 \$	50		
Journal W	5000 \$	100		

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