Position Statement

Jeremy Gibbons
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1. About me

- 20 years as University of Oxford, now Professor of Computing
- researcher in programming languages
- Editor-in-Chief of Journal of Functional Programming
- Editorial Board of Programming
- Editorial Board of Compositionality
- recently (Past) Vice Chair of ACM SIGPLAN
2. PACMPL

Association for Computing Machinery is oldest and biggest CS scientific society: >170 conferences, >50 journals.

Confs with full papers (16K words), 2-phase review. Some jurisdictions recognize only journals. Therefore, treat these proceedings as journals.

SIGPLAN pressured for PACMPL to be Gold OA. ACM agreed to a reduced APC (US$400). APC underwritten by SIGPLAN.

PACMPL publishes POPL, ICFP, OOPSLA, HOPL.
3. ACM Open

*Transformative model* for OA: flip from *subscription* to *read & publish*.

~2700 *subscribing institutions*, but only ~1000 *authoring institutions*. Aim to maintain same revenue.

Ten *tiers*, based on number of publications pa.

Tier 1 (75+ publications): US$100K pa.

Tier 10 (0–3 publications): US$8K pa (*tapering* to $0 as %OA increases).

Now 32 participating institutions, and “the goal* of opening the DL *within five years*.”
4. *Programming*

Conference with *journal-first* publication. All authors in a year *invited to present*.

Associated conference evolved from *Aspect-Oriented Software Development* and *Modularity* conferences.

*Diamond OA*, underwritten by AOSA. Implemented as an *arXiv.org overlay*. Now *indexed* by Scopus.
5. Compositionality

Journal of *Applied Category Theory*.

Loose association with eponymous conference.

*Diamond OA*, underwritten by donor.

Implemented as an arXiv.org *overlay*. 
6. Journal of Functional Programming

Published by Cambridge University Press.
Currently Green OA.
High hybrid APC (£1985/US$3160).
Exploring flipping to Gold OA, underwritten by corporate sponsorship.
7. Coalition-S and Plan-S

Coalition-S is an international consortium of research funders (ERC, WHO, UKRI, NWO, FWF...).

Plan-S applies to all research they fund:

- from January 2021
- authors retain copyright
- immediately available, no embargo
- primarily journal articles
- hybrid OA not supported...
- except in a transformative agreement
8. Left behind?

I believe that open access is a *Good Thing*.

Publicly-funded research should be publicly accessible, not locked behind a corporate paywall.

Publishers add some value, but much less than they used to: no longer necessary, for *production, dissemination,* or *preservation*.

But publication supports *scholarly societies* too.
They are important to society, and should be maintained.

So APCs or R&P a necessary cost. Waivers for low-income countries.

*But what about unfunded researchers in wealthy countries?*