

# Comments from a researcher

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## Some observations:

OA commonplace in many areas of physics, but vulnerable, e.g.:

Cornell University Library asks for voluntary financial support to uphold arXiv.

New initiatives: SCOAP3 (CERN)

<http://scoap3.org>

Design of open repositories: Remember a paper can have >2000 authors!

Do not build barriers between Europe and the rest of the world. Is the “gatekeeper effect” real?

Importance of peer review? Crackpots a non-issue in basic science: Increase in background noise overcompensated by increase of signal.

# Open Access to Data

PARSE. Insight survey showed demand for preservation of HEP data for:

- future independent checks
- re-use with future data
- re-analysing (check of future theories)
- teaching and outreach

ICFA Study Group on Data Preservation  
and Long Term Analysis in High Energy  
Physics <http://www.dphep.org>  
intermediate rapport arXiv 0912.0255

Crystallography Open Database  
<http://www.crystallography.net>

Finally,

“Sustainability of the ecosystem” demands assurance of permanence:

- funders to commit themselves
- solution to problem of long-term preservation