

Open Access at CERN status and vision

Jens Vigen, CERN

Berlin 5

From practice to impact

Padova, 19-21 September 2007

Status (I)

The official framework is in place

- OA culture established some 50 years ago
- Signed the Berlin Declaration
- Official mandate in place “since ever”
 - Administrative Circular No. 29
 - Replaced by Operational Circular No. 6
 - Further stressed by various additional policy documents
- But ...

Status (II)

... do authors submit?

Author efforts

A quick reality check on the annual production:

1. ~250 theoretical papers, we capture 0% (!!)
2. ~500 theses, we capture 10% (world average ...)
3. ~50 experimental papers, we capture 90%

Library efforts

How can this be compensated for?

1. Import from arXiv ensures 100% coverage for theory
2. Individually e-mailing authors retrospectively, brings the coverage up to 30%, even for theses dating 10 years back
3. Check for CERN authors in publishers feeds, contact the research group or import publishers' version when permitted

Status (III)

Ensuring green OA - promoting gold

Library efforts

1. Targeted action: 11'000 theoretical articles over 54 years
 - Old copies of manuscripts retrieved and scanned from the CERN Archive and private archives of the authors
2. Hunt for theses
3. Encouraging submission to OA journals
 - Special deal for some journals
 - JHEP&JINST, everything originating from CERN is published OA for a symbolic sum
 - NJP, CERN supports authors with the payment of the publication fees
 - PRSTAB, sponsorship ensuring OA without author fees
4. Encouraging conference organizers to use OA outlet for proceedings
5. Preparing SCOAP³

CERN IR 3/4 full; lessons learned

Mandating and advocacy have limits:

- “Top-scientists” tend to ignore both “mandating” and “mandated” librarians
- Authors need to see an immediate return from their time investment
- Authors get this return (visibility, standing) by submitting to subject repositories, *i.e.* arXiv
- They do not get this in the HEP-sub communities where arXiv is less important, and we lose the content ...
- We observe a different situation for thesis: authors perceive that the IR offers a good preservation, and they are glad to submit theses once asked

Which are the incentives to use a repository for authors?

- Get what they want... to motivate them to go there
- So, give them what they want; tech-push do rarely attract users while user-pull builds communities
- What do they want?

Aiming for 100% OA coverage

- Institutional and subject repositories goes hand in hand. Ensure interoperability and co-operate to develop the services required by all the partners
- Capture non-submitted papers by:
 - Monitoring publisher feeds
 - In order to be discovered publishers have a strong interest to feed subject repositories
 - Working with OA friendly publishers
 - Allowing storage on institutional web sites
 - In physics: SISSA/IOPP, AIP, APS and IEEE
- SCOAP³
 - The participating publishers will be bound by contract to fill the subject repository with OA content that can be further exported to any institutional infrastructure