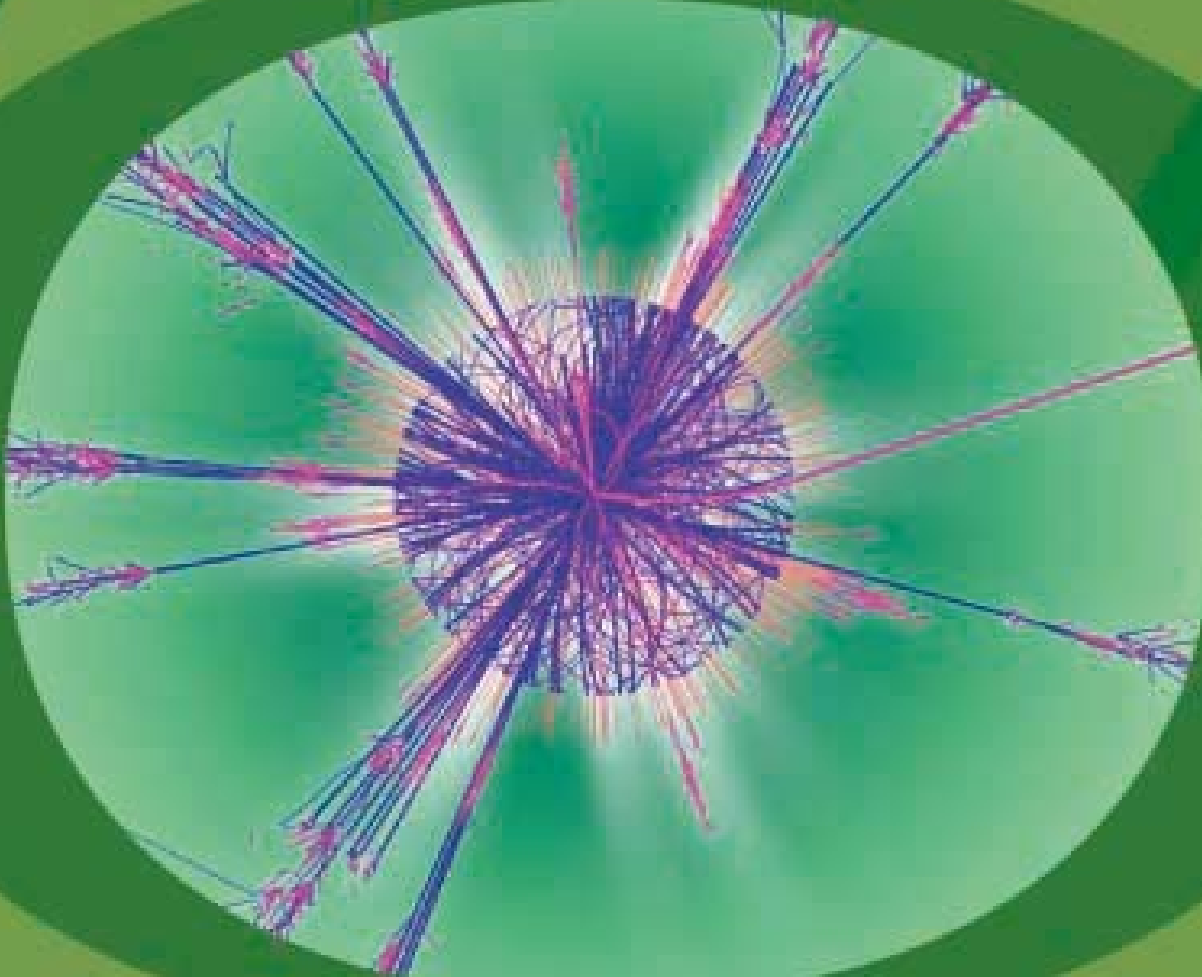


# Compilation of SCOAP supported papers



Jens Vigen, Head librarian, CERN

Establishing a sponsoring consortium for Open Access publishing in particle physics  
CERN, 3rd November 2006



## Current HEP databases

- arXiv
  - Main submission interface
- CERN Document Server
  - World wide compilation of the HEP literature
  - Institutional CERN archive
- KEK Information Service System
  - Covering a subset of CDS/SPIRES – many scanned documents
- SPIRES
  - World wide compilation of the HEP literature



# The publishers' role in database compilation/re-selling

- Elsevier
  - SCOPUS – compiled in-house
  - INSPEC – re-selling on behalf of IEE
  - Engineering Index – compiled in-house
- IOP
  - Gave up re-selling bibliographic databases in 2005
- Thomson Scientific
  - Science Citation Index - compiled in-house



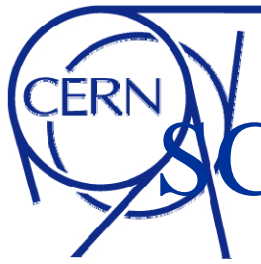
## A move to OA publishing could turn this situation around

- SCOAP-selected publishers should provide a feed of metadata to interested libraries
- The cost of compiling community driven services will drop
  - ... even including citations
- A free version of SCOPUS/Science Citation Index could be made for particle physics and later on for other subject fields
- OA versions will be hosted locally – no more need for paper as “secure copies”



## Technical development needed for keeping track of the fair share

- Software to count the number of authors per article and compute the fair share between funding institution
- This could be done inside CDS



# SCOAP looking forwards backwards

- What about the past?
- When well established, SCOAP could make an effort to “free” the entire literature of particle physics once for all
  - Many already spent money on back-files
    - But barriers are still in place
  - When will the commercial publishers ask libraries for money again ...?