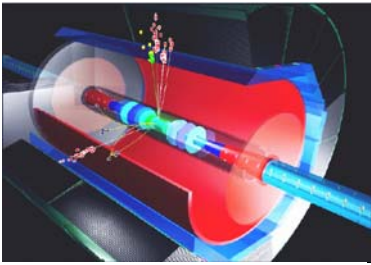


HEP literature retrieval - experimental groups

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- FLC -

Bibliothekskommission
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Task

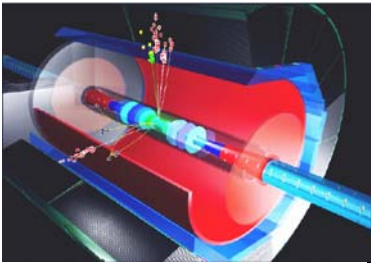
- Find out which methods are actually being used for HEP literature retrieval in the experimental research groups
- Questions
 - What are people searching for?
 - Which methods are used?
 - How is the HEP data base being used?
- Following the discussion at the last BK meeting, put some focus on the keyword catalogue



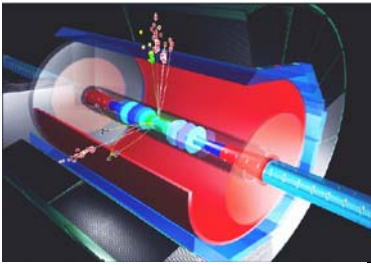
A little poll

- Interviewed 9 scientists:
- 1 professor, 3 senior physicists, 2 junior physicists, 2 PhD students
- 5 from the Linear Collider group, 4 from H1 and ZEUS
- 6 from DESY, 2 from Uni HH, 1 external

Questions

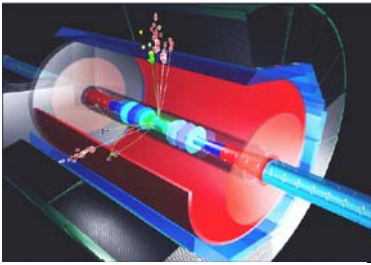


1. What kind of literature do you use for your work?
2. How do you search for articles and books needed for your work?
3. When using SPIRES, which attributes are you using to specify your search?
4. Do you use keywords in your search?
5. What is your experience with keyword?



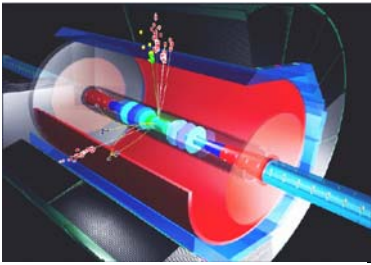
Types

- Articles (journal papers, proceedings, reviews) dominate
- For topical papers, rely on preprint data base
- Books play a role only for preparation of lectures



Tools

- For books: nothing can replace the stroll along a well sorted book shelf
 - More than one requested to enhance the stock in the **presence library**
- OPAC catalogue rarely mentioned
 - But: few are teaching...



Tools for article retrieval

- SPIRES named first, by all
- hep arXive has search tools, too
 - Direct way to preprints
- Google! was named by the young people
 - Searches title and body
 - Finds all media (pdf, html)
 - Points to web pages where topical searches can continue

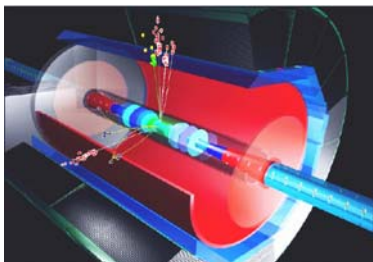
- New tool:





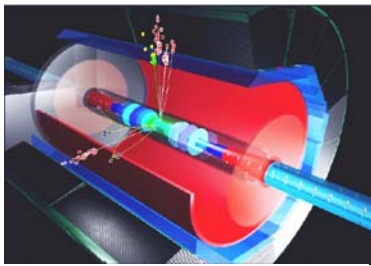
Search attributes

- Most searches are very specific
 - E.g. start from a good review article, just retrieve online document
 - Our community is small: we know who is doing what
- More general searches use
 - Author
 - Title
 - Journal
 - Year
- General / “encyclopedic” searches are the rare exception



Keywords

- Do you use keywords?
 - 4 declared to use them rarely (1 trained by -L-)
 - 3 knew the keyword option, but are not using it
 - 2 did not know keywords at all
- What is your experience?
 - "inefficient", "useless"
 - little success, unspecific
 - Bad efficiency, bad purity
 - You don't get what you want
 - You get what you don't want
 - Not better than title search, often worse



Summary

- SPIRES and hep-arXive are indispensable tools of everyday research life
 - Search engines coming up
- Methods are under continuous evolution
 - Card index box -> computer catalogue -> search engine
- Keywords:
 - apparently not matching the needs of DESY experimentalists
 - Even not that of educated users
 - the number of educated users may be too small for final judgment
 - but experimentalists are used to educate themselves if there is a strang need