

Progress Report

Author's Information

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Report

1. Mission statement

The Scientific Information Service (currently the ETT-SI group) has for its mandate the management of the Library and the Historical and Scientific Archives of CERN. It should acquire and manage information resources in all fields of relevance to the Organization, and make these accessible in the most convenient way to the worldwide particle physics community. It should provide services for obtaining information which is not directly available on site. It should advise CERN divisions on the best ways of ensuring that all relevant documents are made publicly available. It is also responsible for the distribution of CERN publications (CERN Reports and other documents). It is responsible for safeguarding documents and files of potential interest to the Organization and for historical research. It should provide information about and access to the archived material. It should advise CERN divisions and collaborations in archival issues and records management.

The Service is following the guidelines drawn up by the Scientific Information Policy Board

2. Computer Networks and Internet connectivity

Please tell your colleagues about your network type, protocols used, services provider, telecommunication equipment used, etc. below

a. In general HW, SW:

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b. New HW, SW; connectivity upgrades:

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3. Library automation

Please tell your colleagues below what library automated system you use, what hardware you use to run it and which unusual modules do you use or develop

a. In general HW, SW:

SUN hardware
ALEPH330 in migration to ALEPH500 during March - April 2003

b. New HW, SW, other:

On top of the ALEPH library automation we have developed our own OPAC and e-document submission service

The added services are OAi compliant and are open-source software, they are not linked to ALEPH and are currently installed on other library automation systems

4. Union catalogue

If you run a Union Catalogue, please specify which software you use and which interesting features are linked to your UC

a. Software used:

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b. New features:

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5. Digital library

If you run a Digital Library, please tell us more in following list items

a. Based on your own production of digital documents:

Since February 1994 all new scientific documents produced at CERN and intended for publication are available electronically in full-text on the library database.

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b. If so, what is new in your digitalization programmes:

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c. Based on external sources:

We have agreements we some other 80 gray literature archives and we import their data and full-text.

We are open to OAI harvesters.

d. Important commercial web services accessible to your users:

Encyclopaedia Britannica, Oxford English Dictionary & Reference, INSPEC, Encyclopedias of Astronomy and Astrophysics, and other minor handbooks

6. New in-house database

Any interesting databases?

A CERN picture database
CERN Historical Archives database on ALEPH

7. Special web services

Something nobody else has? Or much better than any other place?

Gray literature full text searching, automatic citation processing

8. Electronic document delivery

Do you have or plan EDD? How do you fight EU Copyright Directive?

We use SUBITO services for EDD

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9. Research and technology development projects

Any other interesting R&D projects?

We are member of two EU funded projects:

INDICO for conference management

and

GRACE for distribute searching using GRID technology

10. Other important projects

Anything else you wish others to know about your library?

You are welcome to visit CERN Library