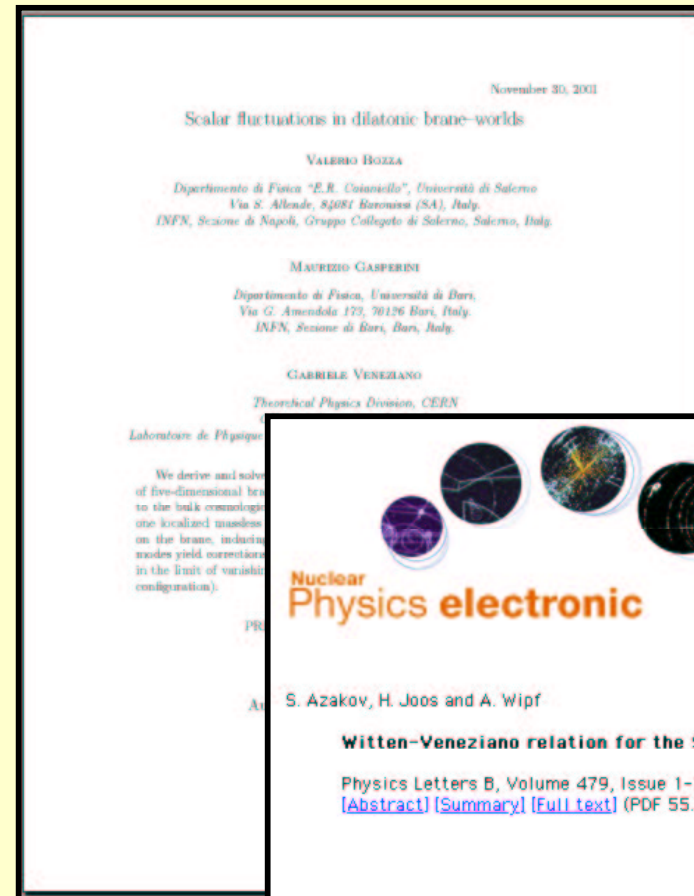


ETT-SI
Scientific Information
2002 Achievements

Group Leader C. Pettenati

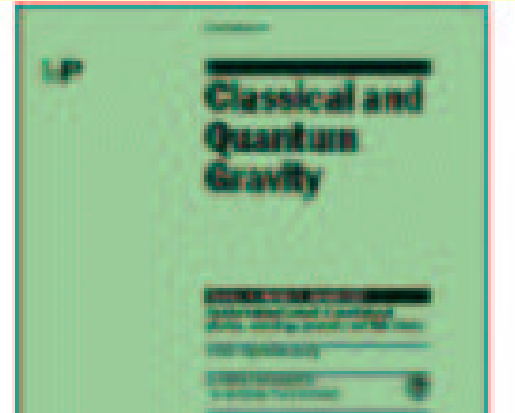
- Collection of more than 600,000 documents (250,000 full-text)
- 66,000 preprints processed in 2002 all with full-text electronically available, importation from CHERP, EPAC, Moriond proceedings
- Theses collection increased to 22,800 records
- 6% originate at CERN
- The rest comes from more than 80 different sources: arXiv, Dubna, DESY, IN2P3, INFN, KEK, KfK, etc.



Collections

- Videotape catalogue reorganized
- Citations linking (about 1000 new links added **per day**)
- Computer science book collection fully reorganized, change of subject index and keywords
- Expansion of the standards collection (detailed indexing of standards in ISO and IEC handbooks)
- Optimisation of the metadata quality control and preparation for the conversion to the new release of the library automation system ALEPH500
- Acquired site licence for Oxford Reference online in addition to Oxford English Dictionary, Encyclopedia of Astronomy and Astrophysics and Encyclopaedia Britannica
- Completing the scientific committee paper collection; records linked to the Grey book references (about 1000 document registered, more to come)

- 450 paper editions
- 1200 electronic editions
 - Extended service
 - Multiple pointers
 - Automatic generation of Web pages from the catalogue
- New site licences for e-journals (Wiley and Nature)
- Extension to electronic periodical archives (AIP, APS, IOP, Elsevier)
- Extended linking services from preprints to articles



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Volume 19, 2002 (fu...

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Latest Volume: Volume 19, 2002


[Number 2, 21 January 2002](#) (L5-L10, R1-R10, 195-416)
[Number 1, 7 January 2002](#) (L1-4, 1-194)

- Enlarged and improved book circulation (ca. 8,000 loans p/y)
- ILL (ca. 2,700 requests p/y) with electronic delivery
- Enhanced standards (ISO, IEC) services
- Preparation of virtual catalogues for distributed collection, divisional-specific services
- Database access improved
 - INSPEC, Compendex, INIS
- CERN document distribution
- Links to booksellers

The screenshot displays the DATASTAR WEB interface. At the top, there is a navigation bar with links for OPTIONS, COST, LOGOFF, FEEDBACK, and HELP. Below this, there are tabs for Preprint servers, Electronic journals, Guides and lists, Publications, Home, Interlibrary loan, Acquisitions, and Information sources. The main content area includes instructions for reducing response time and a search section with EASY SEARCH and ADVANCED SEARCH options. A search results list shows several entries for 'INSPEC - 1987 to date (INSP)'. Overlaid on the bottom right is a form titled 'Interlibrary loan request for books'. The form contains fields for Budget code, CERN ID, Name (complete please), Division, and Your e-mail address. It also includes a section for 'I request the item because (select one option):' with radio buttons for 'Not in the catalogue' and 'Missing'. Other fields include Author(s) or Editor(s), Title, Imprint (place, publisher, year), Edition, and ISBN. At the bottom, there are checkboxes for 'Not needed after:', 'Additional information or comments:', and 'I accept the conditions of the service, in particular returning the books in the time given.' There are also checkboxes for 'I want this edition only.' and 'Send a copy of my request on my e-mail account.' and buttons for 'Submit request' and 'Reset'.


- Collections of Administrative documents, scientific documents, data samples
 - 3300 new entries added
- Available on-line
 - 16 collection-level descriptions
 - CERN internal organization since 1954
 - photos of Wolfgang Pauli collection
- Two exhibitions, Heisenberg and Fermi centennials

CERN Scientific Information Group

 **Collections held by CERN Archives**

- Documents of the CERN Council and its Committees
- Records of CERN Experiment Committees
- Files of previous Directors-General
- Inactive files of CERN Management and CERN Divisions
- Selected Experiments at CERN
- Inactive files of general technical facilities
- Ad-hoc Committees
- Files of senior physicists
- Interviews with CERN Staff
- Unpublished documents
- Information
- The

CERN Scientific Information Group

 **The CERN History Study**

Web bibli

The CERN History Project emerged from a proposal made in the CERN Committee of Council in 1979 to record the history of the laboratory as long as witnesses of its creation, in particular its founders, were alive.

Following this proposal, a CERN History Advisory Committee was established with the mandate to set up a Study Team of European Science Historians, to be financed outside the CERN budget from voluntary contributions by several Member Countries, and to support and advise on this study.

As a result of this project, three volumes of the **History of CERN** have been published.

The first volume deals with the setting up of CERN in 1954, and contains case studies of the development and policy decisions in Britain, France, Germany and Italy.

The second volume covers the building and running of the laboratory until about 1965 and also explains the learning process of doing physics with big accelerators.

The third volume deals with the following fifteen years but excludes the decision to build LEP (Large Electron Positron collider). It differs from Volumes I and II in that the chapters on physics and engineering at CERN have been written by scientists, rather than historians.

Bibliographical Reference

"History of CERN Volumes I and II" by A. Hermann, J. Krige, U. Mersits and D. Pestre; Amsterdam, North Holland Publishers.

- [Vol. I: "Launching the European Organization for Nuclear Research." \(1987, 622pp.\)](#)

- [Vol. II: "Building and Running the Laboratory." \(1990, 902pp.\)](#)

"History of CERN Volume III" J. Krige, Editor; Amsterdam, North Holland Publishers.

- [Vol. III \(1996, 674pp.\)](#)

Staff and training

- Hosted four students in librarianship (Geneva, Lyon, Besançon, Nancy Universities) and stagiaires from DESY and Academia Sinica in Peking libraries
- Organized an international library school on e-publications with 45 participants from 12 different countries
- Organized an OAi Workshop with 130 participants from 20 countries
- Organized 6 Library Science Talks in co-operation with AILIS and the Swiss National Library



Participation in research projects

- **GRACE with IT Div. and ETT-DH (with Sheffield, Stuttgart and Stockholm University libraries)**
 - Usage of GRID technology in library services
- **LOCKSS (with Stanford University Library and others)**
 - Long-term archiving of e-journals
- **Preparation of part of a programme for continuing education for librarians (with Fribourg and Geneva Universities)**



Contributions to conferences/workshops/publishing

- Arturo Montejo, Michel Goossens and Jens Vigen presented one paper each at the Workshop on Personalization Techniques in Electronic Publishing on the Web: Trends and Perspectives, Málaga, Spain, 28 May 2002
- Jens Vigen presented a paper at the 5th Nordic Interlending Conference: ILL in a Digital Age - Challenges, Barriers, Opportunities, Reykjavik, Iceland, 3-5 Oct 2002
- David Dallman and Jens Vigen presented one paper each at the International Spring School on the Digital Library and E-publishing for Science and Technology, CERN, Geneva, Switzerland, 3-8 March 2002
- HEP Libraries Webzine - 2 issues released in 2002