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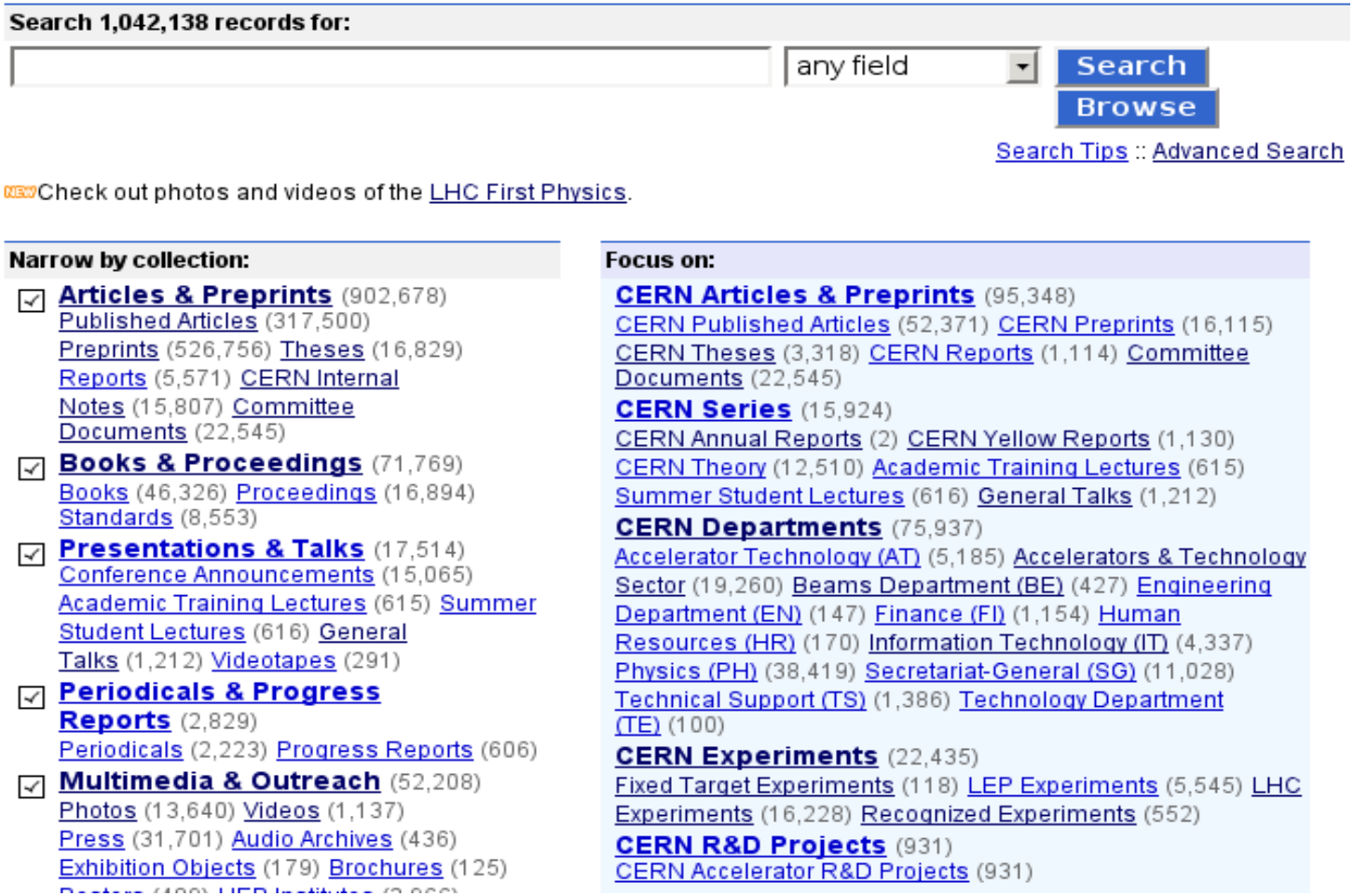

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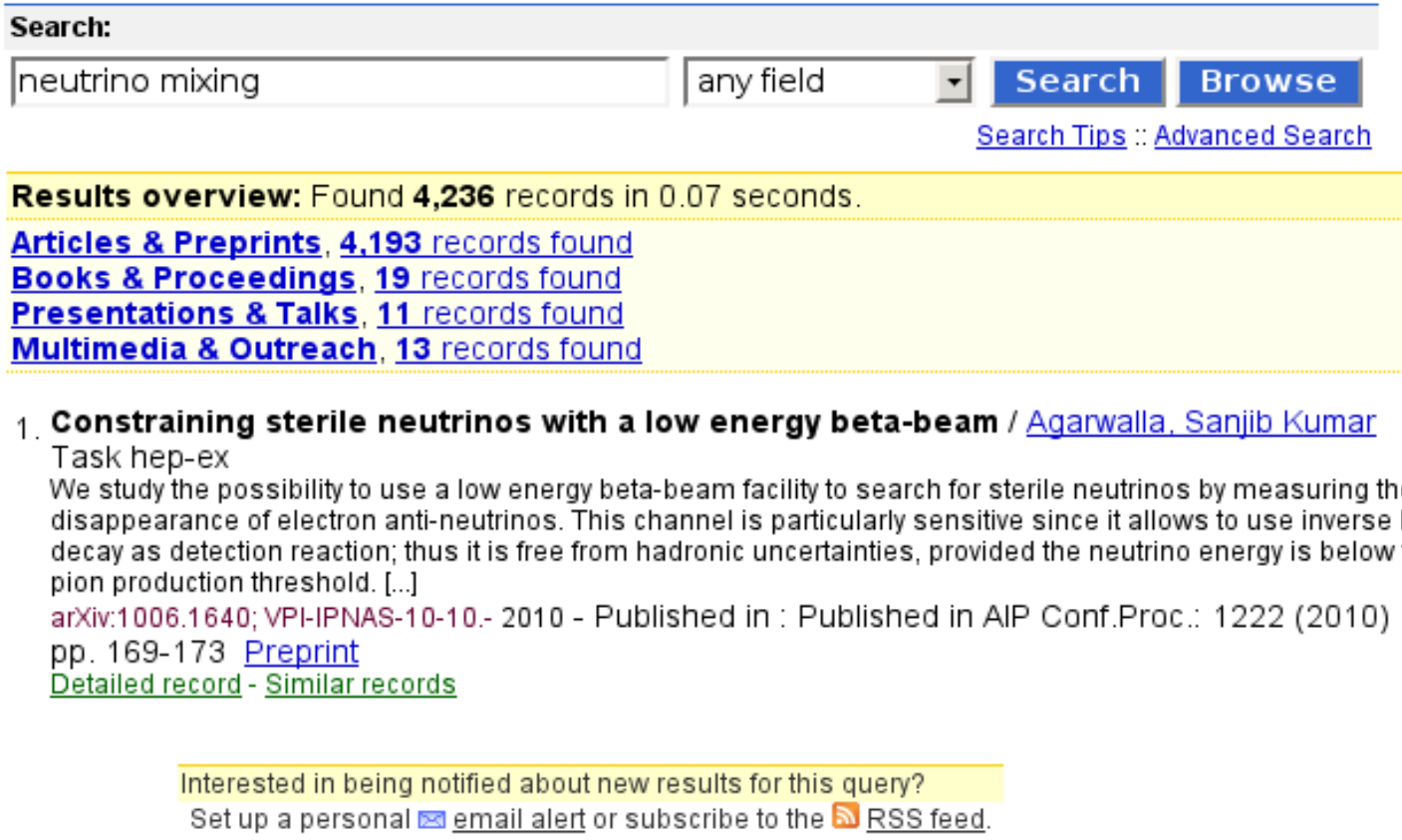

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Personal bookshelves

- Add records to your personal baskets

☐ 8. **Bridging flavour violation and leptogenesis in SU(3) family models** / Calibbi, Lorenzo (Max-Planck-Institut fuer Physik) ; Chun, Eung Jin (Korea Institute for Advanced Study)
We reconsider basic, in the sense of minimal field content, Pati-Salam x SU(3) family models which make use of the Type I see-saw mechanism to reproduce the observed mixing and mass spectrum in the neutrino sector. [...]
arXiv:1005.5563 ; KIAS-P10014 ; IC-2010-021 ; MPP-2010-58. - 2010.
Preprint
Detailed record - Similar records

☐ 9. **Rare muon and tau decays in A4 Models** / Feruglio, Ferruccio ; Paris, Alessio
We analyze the most general dimension six effective Lagrangian, invariant under the flavour symmetry A4 x Z3 x U(1) proposed to reproduce the near tri-bimaximal lepton mixing observed in neutrino oscillations. [...]
arXiv:1005.5526 ; DFPD-10-TH-9. - 2010.
Preprint
Detailed record - Similar records

☐ 10. **Quark and lepton mixing angles with a dodeca-symmetry** / Kim, Jihn E ; Seo, Min-Seok
The discrete symmetry D_12 at the electroweak scale is used to fix the quark and lepton mixing angles. [...]
arXiv:1005.4684. - 2010.
Preprint
Detailed record - Similar records

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- Annotate records in your baskets

Home > Your Account > Your Baskets > Personal baskets > Physics > Standard Model

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Personal baskets > Physics Back to Your Baskets | Create basket | Edit topic

Standard Model (3)

Standard Model Edit basket | Delete basket
3 items, 2 notes
last update: 11 Jun 2010, 14:21

1. **Non-Abelian Flat Directions in a Minimal Superstring Standard Model** / Cleaver, G B ; Faraggi, A E ; Nanopoulos, Dimitri V ; Walker, J W [ACT-2000-1] [CTP-TAMU-2000-2] [OUTP-2000-03-P] [TPI-MINN-2000-6] [hep-ph/0002060]
Recently, by studying exact flat directions of non-Abelian singlet fields, wedemonstrated the existence of free fermionic heterotic-string models in whichthe SU(3)_C x SU(2)_L x U(1)_Y-charged matter spectrum, just below the stringscale, consists solely of the MSSM spectrum. [...]
Published in **Mod. Phys. Lett. A: 15 (2000) pp. 1191-1202**
Fulltext: PDF; PS.GZ
Detailed record - Notes (2) Copy item | Remove item

2. **Precise calculation of parity nonconservation in cesium and test of the standard model** / Dzuba, V A ; Flambaum, V V ; Ginges, J S M [hep-ph/0204134]
We have calculated the 6s-7s parity nonconserving (PNC) E1 transition amplitude, E_{PNC}, in cesium. [...]
Fulltext: PDF; PS.GZ
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Python Cookbook / Martelli, Alex (ed.) ; Ascher, David (ed.)
Beijing : O'Reilly, 2002. - 574 p.

This book at Amazon

	Description	Item status	Due date	Sublibrary	Location	No. of requests	Barcode
Request		Four week loan	30/06/10	CERN Central Library	004.438.Python MAR		CM-B00029402
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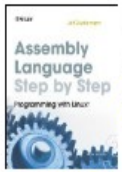
E-books: read online

5. 

Assembly Language Step-by-Step : Programming with Linux . - 3rd ed. electronic version / Duntemann, Jeff
Hoboken, NJ : Wiley, 2009. - 646 p.
e-book
This book at Amazon
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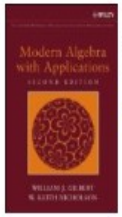
6. 

Modern algebra with applications . - 2nd ed. electronic version / Gilbert, William J
Hoboken, NJ : Wiley, 2003. - 353 p.
e-book
This book at Amazon
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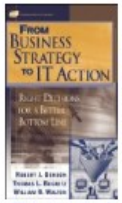
7. 

From Business Strategy to IT Action : Right Decisions for a Better Bottom Line . - electronic version / Benson, Robert J
Hoboken, NJ : Wiley, 2004. - 354 p.
e-book
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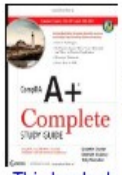
8. 

CompTIA A+ Complete Study Guide (Exams 220-701 and 220-702) . - electronic version / Docter, Quentin
Hoboken, NJ : Wiley, 2009. - 1159 p.
e-book
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E-journals: inside CERN or with proxy

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Vol. : Page : GoDirect

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Nature
New journal of physics
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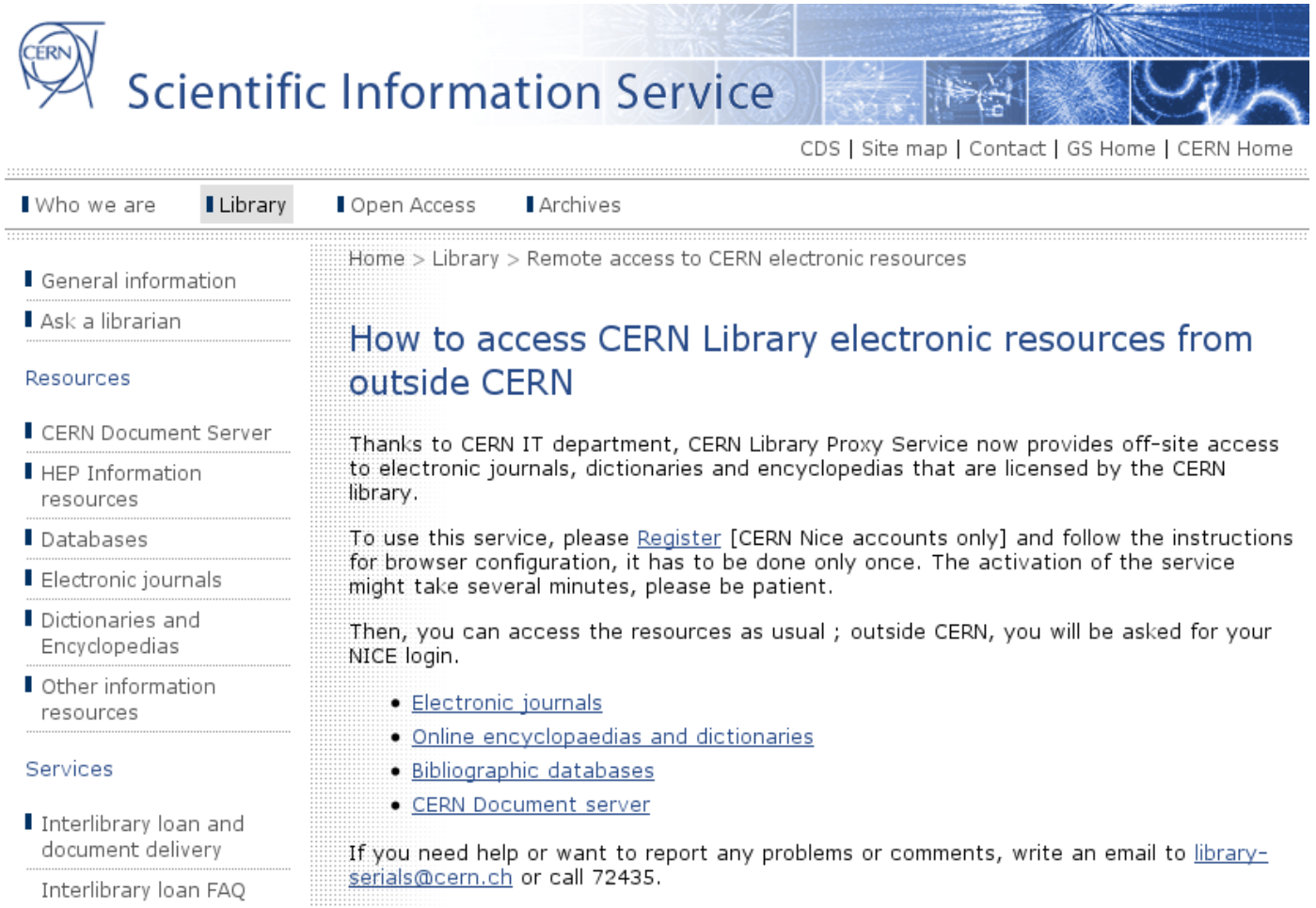

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Encyclopedias online

- Read e.g. Encyclopaedia Britannica online

Dictionaries and encyclopedias

- **Chicago Manual of Style**
- **Oxford Reference Online**

Dictionaries

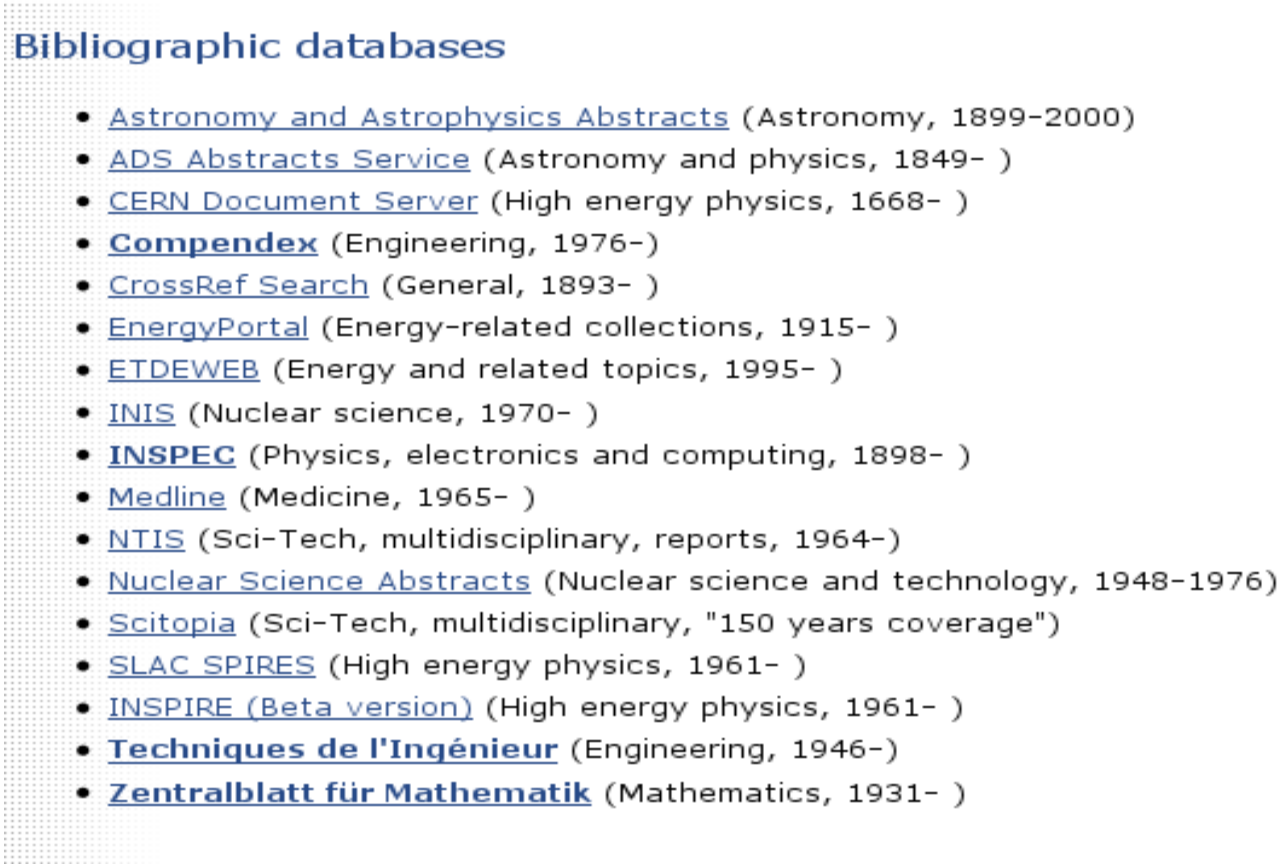
- "Cernese" - CERN Translation Service's bilingual glossary (AIS Login Name and Password required)
- CERN Acronyms
- **Le Grand Robert**
- Merriam-Webster
- **Oxford English Dictionary**
- WordReference.com - French-English English-French Dictionary
- Other dictionaries on the net
- Check spelling and grammar of the main languages in the CERN member states

Encyclopedias

- **Encyclopædia Britannica**
- **Encyclopædia Universalis**, 30,000 articles and 16,000 multimedia objects, covering all subjects.
- **Encyclopedia of Astronomy and Astrophysics**
- Other encyclopedias and handbooks on the net

External databases

- Access INSPEC and other bibliographic databases and resources



Bibliographic databases

- Astronomy and Astrophysics Abstracts (Astronomy, 1899-2000)
- ADS Abstracts Service (Astronomy and physics, 1849-)
- CERN Document Server (High energy physics, 1668-)
- **Compendex** (Engineering, 1976-)
- CrossRef Search (General, 1893-)
- EnergyPortal (Energy-related collections, 1915-)
- ETDEWEB (Energy and related topics, 1995-)
- INIS (Nuclear science, 1970-)
- **INSPEC** (Physics, electronics and computing, 1898-)
- Medline (Medicine, 1965-)
- NTIS (Sci-Tech, multidisciplinary, reports, 1964-)
- Nuclear Science Abstracts (Nuclear science and technology, 1948-1976)
- Scitopia (Sci-Tech, multidisciplinary, "150 years coverage")
- SLAC SPIRES (High energy physics, 1961-)
- INSPIRE (Beta version) (High energy physics, 1961-)
- **Techniques de l'Ingénieur** (Engineering, 1946-)
- **Zentralblatt für Mathematik** (Mathematics, 1931-)

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- Many targeted submission workflows

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    - INTC Meeting Documents (protected)
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    - SPSC Documents (Proposals etc)
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    - LHC Resource Review Board
- **Experiments**
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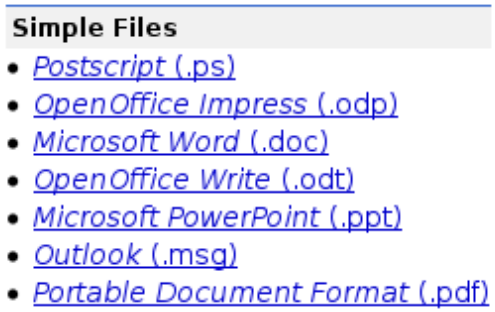
  http://cdsconv.cern.ch/

- E.g. PowerPoint to PDF
- Convert individual files or a batch



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Outreach material

- Photos, Video, Audio recordings

Vague but exciting... CERN celebrates 20 years of the Web in the Globe of Science and Innovation the 13th of March 2009

Produced by: CERN Audiovisual Service
Director: CERN Audiovisual Service
180:05 min. / 13 March 2009 / **CERN**
Keywords: World Wide Web, WWW, 2009, anniversary, Tim Berners-Lee, celebration
Reference: CERN-MOVIE-2009-007
Language: English

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Flash:		High (753 kbps)
Windows Media:	Medium (480 kbps)	High (753 kbps)

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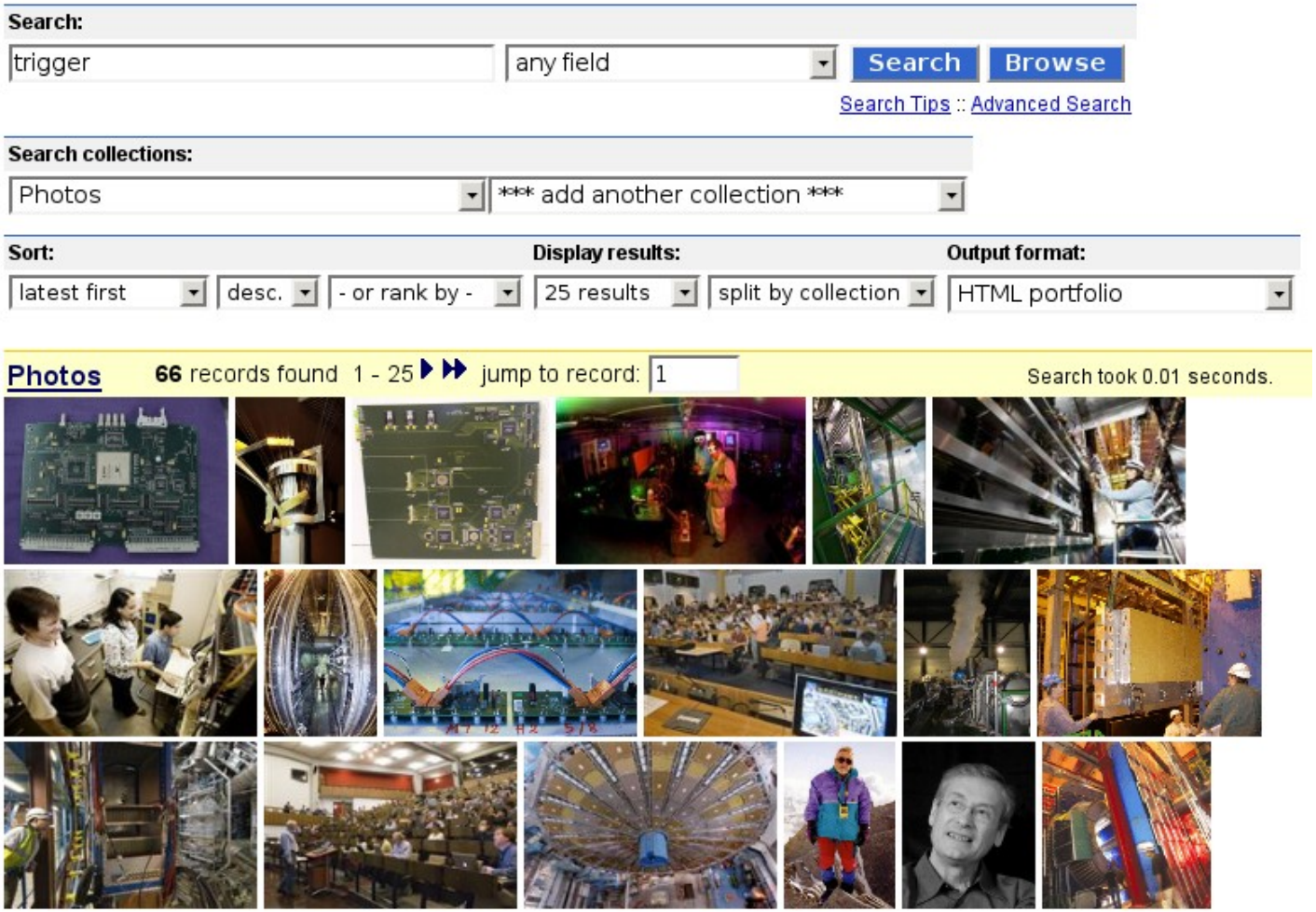

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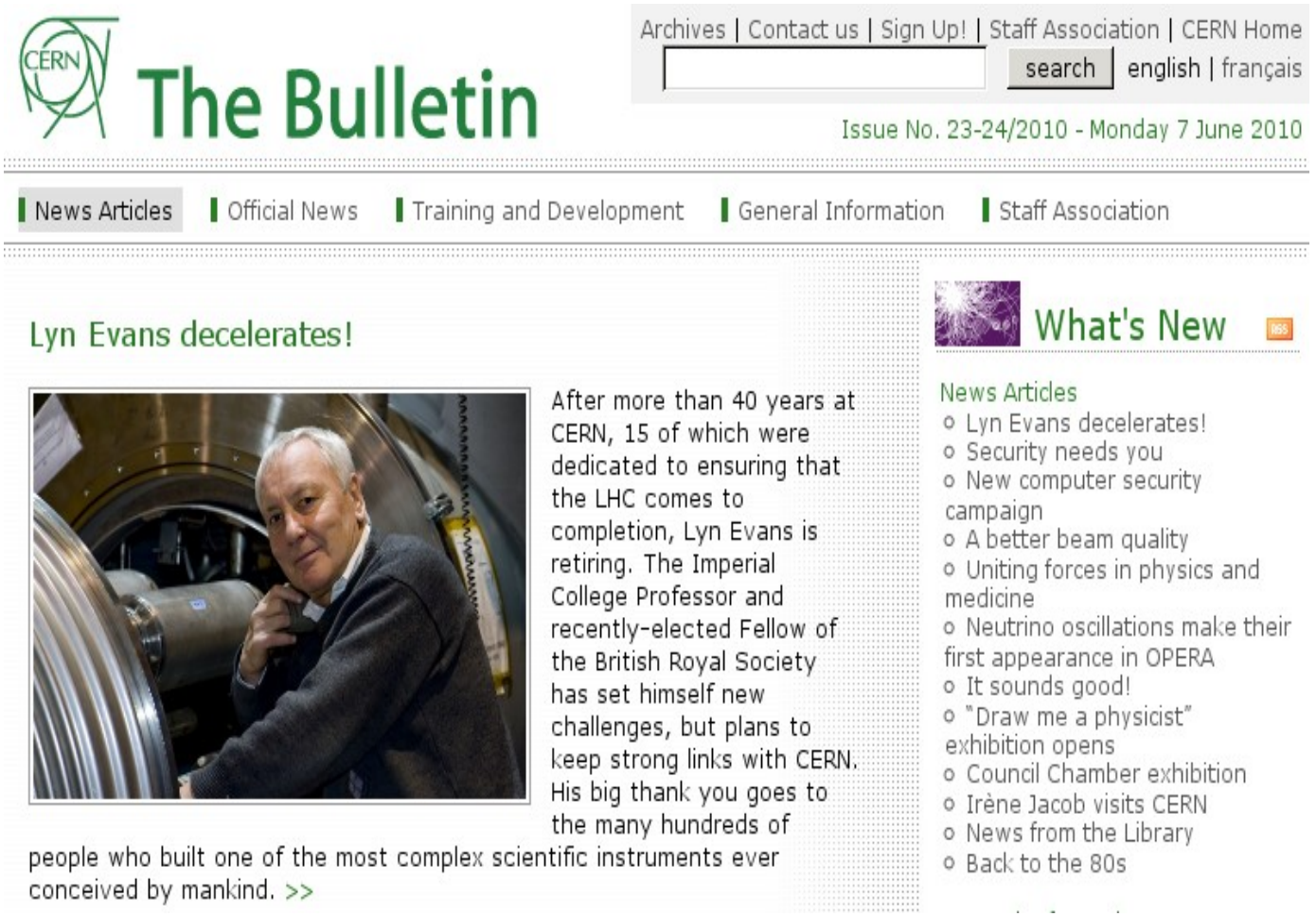
CERN Bulletin

- Hosted on CDS, journal-like interface



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INSPIRE: world-wide system

- Collaboration with DESY, FNAL, SLAC

http://inspirebeta.net/

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INSPIRE: world-wide system

- Successor of SPIRES, built with Invenio
- Non-CERN material, so e.g. citations

Cited by: 952 records

(301) **Phenomenology with Massive Neutrinos** - Gonzalez-Garcia, M.C. *et al* arXiv:0704.1800 [hep-ph] YITP-SB-07-14, UB-ECM-PF-07-08
(281) **Neutrino masses and mixings and...** - Strumia, Alessandro *et al* hep-ph/0606054 IFUP-TH-2004-1
(225) **Quark Lepton Symmetry and Mass Scales in an E6 Unified Gauge Model** - Achiman, Yoav *et al* HD-THEP-78-6, WU B-78-20
(223) **Theory of neutrinos: A White paper** - Mohapatra, R.N. *et al* hep-ph/0510213 FERMILAB-TM-2342-T, SLAC-PUB-11622
(203) **Neutrino Mass and New Physics** - Mohapatra, R.N. *et al* hep-ph/0603118

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Co-cited with: 16763 records

(775) **Neutrino Mass and Spontaneous Parity Violation** - Mohapatra, Rabindra N. *et al* MDDP-TR-80-060, MDDP-PP-80-105, CCNY-HEP-79-10
(367) **Baryogenesis Without Grand Unification** - Fukugita, M. *et al* RIFP-641
(332) **Neutrino Masses in SU(2) x U(1) Theories** - Schechter, J. *et al* SU-4217-167, COO-3533-167
(291) **Neutrino Masses and Mixings in Gauge Models with Spontaneous Parity Violation** - Mohapatra, Rabindra N. *et al* FERMILAB-PUB-80-061-THY, FERMILAB-PUB-80-061-T
(261) **Proton Lifetime and Fermion Masses in an SO(10) Model** - Lazarides, George *et al* FREIBURG-THEP-80-2

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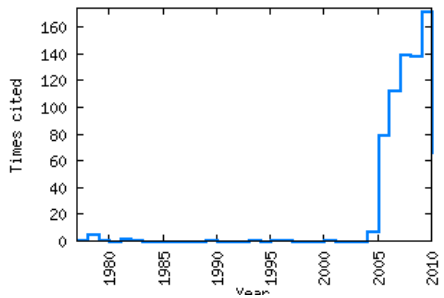

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