

Invenio : a search tutorial



CERN Document Server

Point your browser to

<http://cdsweb.cern.ch>

Looking for a book

- Query
 - I will be teaching in Rwanda next week, do you have some books describing the the country?

Looking for a book

- Answer
 - Hold on, we are a science library, but I will check.
- Query subitted to the database

Books

Search:

[Search Tips](#) :: [Advanced Search](#)

Search collections:

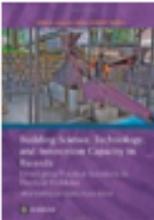
Sort:

Display results:

Output format:

Books

2 records found

1.  **Building science, technology and innovation capacity in Rwanda** : [Alfred](#) (ed.)
Washington, DC : World Bank, 2008. - 120 p.
[CERN library copies](#)
[This book at Amazon](#)
[Detailed record](#) - [Similar records](#)
2.  **Sous les Etoiles du Rwanda : Dialogue de Femmes entre Génocide**
Geneva : Metropolis, 2007. - 267 p.
[Literature in focus](#) - [CERN Bookshop](#) - [CERN library copies](#)

Available copies?

- Excellent!
 - Just what I need:



Building science, technology and innovation capacity in Rwanda
(ed.)
Washington, DC : World Bank, 2008. - 120 p.

- I will be leaving tomorrow, so please let me check it out.
- On loan! That is not possible, what can we do?

Why not try Google books?

<http://books.google.com/books?isbn=9780821373569>

Google books [Advanced Book Search](#)

Building science, technology, and innovation capacity in Rwanda: developing ... By Alfred



› **Overview**
[Read](#)
[Reviews](#) (0)
[Buy](#)

☆☆☆☆ (0) - [Write review](#)
[Add to my library](#)

Get this book
[World Bank Publications](#)

Book overview

Building Science, Technology, and Innovation Capacity in Rwanda presents the me and innovation (STI) capacity-building program in Rwanda in 2006-07. This book ill capacity to address everyday issues such as providing energy and clean water to r

Full view - 2008 - 120 pages - [Education](#)

Looking for a theses

- Query
 - I am looking for the theses of Dr. Matamba

Looking for a theses

- Answer
 - We have quite a good collection of physics theses, wait a moment

Theses

Search:
matamba any field [Search](#) [Browse](#)
[Search Tips](#) :: [Advanced Search](#)

Search collections:
Theses *** add another collection ***

Sort: **Display results:** **Output format:**
latest first desc. - or rank by - 10 results split by collection HTML brief

Theses 1 records found Search

- 1. **Study of baryon properties with nonrelativistic quark potential models / Matamba, I P**
Baryon resonances and photoexcitation processes are studied in the framework of the Nonrelativistic Quark Potential Model with a constituent quark and a diquark. [...]
Faure : South Africa Univ., 1998. - 1 v.

Detailed record; no holdings ...

Information	References	Discussion	Usage statistics	Fulltext
	T h e s i s			
Title	Study of baryon properties with nonrelativistic quark potential models			
Author(s)	Matamba, I P ; Sofianos, S A (dir.)			
Imprint	Faure : South Africa Univ., 1998. - 1 v.			
Thesis note	PhD : South Africa Univ. : 1998			

Is this the right? I am sorry, we do not hold it ... I will check [other sources](#).

Checking other source

Found in the [NASA database](#)

ads
NASA

The Smithsonian/NASA Astrophysics Data System

Proud Supporter of
INTERNATIONAL YEAR OF ASTRONOMY 2009

Home Help Sitemap "Study of baryon properties" Search

Study of baryon properties with nonrelativistic quark potential models

Matamba, Itani Phanel

Thesis (PhD). UNIVERSITY OF SOUTH AFRICA (SOUTH AFRICA), Source DAI-B 59/11, p. 5911, May 1999, pages.

- Fulltext Article not available
- [Find Similar Articles](#)
- [Full record info](#)

We will contact the South Africa University.

Truncated searches

Exact phrase vs. partial phrase

- Retrieve all records with a title starting with ***introduction to particle***
- Retrieve all records including the title ***introduction to particle***

Hint:

- “ “ is used for exact phrases
- ‘ ‘ is used for partial phrases
- * is used to truncate a word or a phrase

Truncated searches

Exact phrase vs. partial phrase

Search:
"introduction to particle*" title [Search](#)

Search collections:
*** any collection ***

Sort: latest first desc. - or rank by - 10 results

Results overview: Found **33** records in 4.
[Articles & Preprints](#), 1 records found
[Books & Proceedings](#), 3 records found
[Presentations & Talks](#), 29 records found

Search:
'introduction to particle' title [Search](#)

Search collections:
*** any collection ***

Sort: latest first desc. - or rank by - 10 results

Results overview: Found **48** records in 4.
[Articles & Preprints](#), 4 records found
[Books & Proceedings](#), 6 records found
[Presentations & Talks](#), 29 records found
[Multimedia & Outreach](#), 9 records found

List of publications

- Query
 - Hello, my name is Jack Steinberger. Could you please provide me my list of publications?

List of publications

- Answer
 - No problem. Hold on ... [Link for browsing](#)

2	Steinberger, A
4	Steinberger, I T
144	Steinberger, J
1	Steinberger, J K
1	Steinberger, J M
295	Steinberger, Jack
1	Steinberger, Jack\$uCERN
1	Steinberger, John

... the classical problem. Manual inspection will be required.

Information on a given topic

- Query:
 - I am looking for information about the early days of the **LHC** accelerator. Could you provide me a list of everything that was written between 1982 and 1990?

Information on a given topic

- Answer:
 - Now problem!

Search:

lhc and year:1982->1990

any field

Search

Browse

[Search Tips](#) :: [Advanced Search](#)

Search collections:

*** any collection ***

Sort:

year

asc.

- or rank by -

Display results:

10 results

split by collection

Output

HTML b

Results overview: Found **519** records in 0.49 seconds.

[Articles & Preprints](#), **477** records found

[Books & Proceedings](#), **9** records found

[Presentations & Talks](#), **7** records found

[Multimedia & Outreach](#), **26** records found

Taking advantage of MARC

- Query:
 - Can you provide me a list of all the papers where **Jonathan Richard Ellis** is the only author?

Taking advantage of MARC

- Answer:
 - Yes. Just give me a bit of time, he has authored more than 900 papers ...

Hits	author
1	ELLIS, J.R.
13	Ellis, John
1	Ellis, John R
1	Ellis, John Rolfe
0	Ellis, Jonatan Richard
0	Ellis, Jonathan
905	Ellis, Jonathan Richard
1	Ellis, Jonathan Richard

Taking advantage of MARC

- Answer:
 - Hm, manual inspection will take too long ... The MARC tag for 1st author is 100, additional authors are tagged with 700. How to eliminate the records having information in the 700 field?
 - Take advantage of the powerful search engine:
 - [100:"Ellis, Jonathan Richard" not 700:"a->z"](#)

Search:

[Search Tips](#) :: [Advanced Search](#)

Taking advantage of MARC

- Query:
 - I have a lecture next week. I am looking for some presentations on the ATLAS experiment. Would you have some PowerPoint slides on the topic that I could start from?

Hint: pointer to files are stored the field 856

Taking advantage of MARC

- Answer:
 - To help your users to find all presentations, this information should be embedded in the curated metadata as presentations might be hold in many different formats (ppt, pptx, pdf etc.) However, there is an easy way to get all ppt/pptx files.

[8564_u:'.ppt'](#) will retrieve all records containing the string .ppt and .pptx

The scientific family

- Query:
 - Oslo University is considering a promotion for Prof. Ould-Saada. Before taking a decision the Rector would like to know how many PhD students he has trained over the last year.
 - By the way, who was the thesis father of Ginsparg, the creator of arXiv?

Hint: These supervisors are tagged (at least partly) as additional authors with the subtag \$\$e dir.

The scientific family

- Answer:
 - Oslo University is considering a promotion for Prof. Ould-Saada. Before taking a decision the Rector would like to know how many PhD students he has trained over the last year.

Ould Saada's "PhD children"

-
1. [Ginsparg, Paul H.](#) (Cornell U., Phys. Dept.) [[PAPERS](#)] [[Papers at this affiliation](#)] [[V](#)
Ph.D. advisor: [Wilson, Kenneth G.](#)
Ph.D. institution: [Saclay](#) & Cornell U., Phys. Dept. ([more](#))
Undergrad: [Harvard U.](#)
Email: *Click number by name to see email address*
Field: quant-ph
Date verified 02/05/09
Author ID number: INSPIRE-00084905



HEPNAMES

[Ginsparg's family tree, going the whole way back to Gauss](#)

Let's try Inspire; another Invenio instance

- Query:
 - I am sure I have seen a paper by John Ellis with a figure concerning black holes. Unfortunately I did not keep the reference ... How on earth can I get back to the paper? John has just written so much ...

Point your browser to

<http://inspirehep.net>

And give it a try

Let's try Inspire; another Invenio instance

- Answer:



[Home](#) > Search Results: author:ellis and caption:'black hole'

Search:

author:ellis and caption:'black hole' any field

[Search Tips](#) :: [Advanced Search](#)

Sort by:

latest first desc - or rank by - 25 results single list HTML brief

Display results:

Output format:

Warning: figure caption search is only available for a subset of papers mostly from 2008-2010.

[HEP](#)

1 records found

Search t

1. Beyond the Standard Model for Montaneros.

M. Bustamante, L. Cieri, John Ellis. CERN-PH-TH-2009-225. Nov 2009. 84 pp.

Prepared for 5th CERN - Latin American School of [SPIRES Conference C09/03/15](#) (Conference information e-Print: [arXiv:0911.4409 \[hep-ph\]](#))

Inspire: exploring collaboration patterns

- Query:
 - Next week the Norwegian minister of research will visit Morocco; she is a physicist, so I have to get up to speed on the scientific collaboration between our countries.
 - Please find all papers that have been co-authored by Oslo and Rabat

Easy-peasy : now hint given 😊

Inspire: exploring collaboration patterns

- Answer:

[Home](#) > Search Results: affiliation:oslo and affiliation:rabat

Search:

[Search Tips](#) :: [Advanced Search](#)

Sort by: Display results: Output format:

HEP 10 records found Search took 0.02 sec

- 1. Study of energy response and resolution of the ATLAS barrel calorimeter to hadrons of energies from 20-
ATLAS Collaboration (E. Abat (Bogazici U.) *et al.*). 2010. 17 pp.
Published in **Nucl.Instrum.Meth. A621 (2010) 134-150****

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [EndNote](#)
[Journal Server](#)

[Detailed record](#) - [Similar records](#) - [Cited by 1 record](#)

- 2. The ATLAS Inner Detector commissioning and calibration.**
ATLAS Collaboration (G. Aad (Freiburg U.) *et al.*). 2010. 34 pp.
Published in **Submitted to: Eur. Phys. J. C**
e-Print: [arXiv:1004.5293 \[physics.ins-det\]](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [EndNote](#)
[Abstract](#) and [Postscript](#) and [PDF](#) from arXiv.org (mirrors: [au](#) [br](#) [cn](#) [de](#) [es](#) [fr](#) [il](#) [in](#) [it](#) [jp](#) [kr](#) [ru](#) [tw](#) [uk](#) [za](#) [aps](#) [lanl](#))

[Detailed record](#) - [Similar records](#) - [Cited by 1 record](#)

[Co-authored papers Oslo-Rabat](#)

Inspire: who cites whom?

- Query:
 - We might get access to some funds from the Norwegian government to promote collaboration between Norway and Morocco; please provide me a list of all high-energy physics papers written by Oslo scientist citing a Rabat colleague and visa versa.

Inspire: who cites whom?

Search:

[Search Tips](#) :: [Advanced Search](#)

Sort by:

Display results:

Output format:

[HEP](#)

82 records found 1 - 25 ▶▶ jump to record:

1. The ATLAS Simulation Infrastructure.

[ATLAS](#) Collaboration. 2010. 53 pp.

Published in **Submitted to: Eur. Phys. J. C**

e-Print: [arXiv:1005.4568](#) [[physics.ins-det](#)]

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [EndNote](#)

[Abstract](#) and [Postscript](#) and [PDF](#) from arXiv.org (mirrors: [au](#) [br](#) [cn](#) [de](#) [es](#) [fr](#) [il](#) [in](#) [it](#) [jp](#) [kr](#) [ru](#) [tw](#) [uk](#) ;

[Detailed record](#) - [Similar records](#) - [Cited by 7 records](#)

2. Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions

[Citedby / Refersto, combined with the affiliation, will provide the list](#)