



An update  
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## HEP Search

### High-Energy Physics Literature Database

Use "find" for SPIRES-style search ([other tips](#))

Brief format Search [Easy Search](#) [Advanced Search](#)

[find | "Phys.Rev.Lett..105"](#) :: [more](#)

#### HOW TO SEARCH

SPIRES syntax is (mostly) supported (requires "find")  
[find a richter, b and t quark and date > 1984](#)  
[find j phys.rev.,D50,1140 or j hep,0903,112](#)  
[find eprint arxiv:1007.5048](#) (Note the plots available on the detailed record)  
[find fulltext "quark-gluon plasma"](#) (Note new "fulltext" operator)  
[find a ellis and refersto a witten](#) (Note "refersto")  
[find a kane and citedby title SUSY and topcite 200+](#) (Note "citedby")

#### New techniques:

[1985 richter quark multiplicity](#)  
[arXiv:1007.5048](#)  
[citedby:author:ellis -refersto:author:witten](#)  
[author:randall | author:sundrum cited:450->1350](#)

#### Additional Help:

[More search tips and full help](#)

#### INSPIRE UPDATES

See our blog at [blog.inspirehep.net](http://blog.inspirehep.net) for updates on new features and other news. You can also follow us at [@inspirehep](https://twitter.com/inspirehep) on twitter. To send us feedback use [feedback@inspirehep.net](mailto:feedback@inspirehep.net). The data in INSPIRE is updated daily and should be the same as what is available from SPIRES, or better. To correct data in INSPIRE (or SPIRES), let us know at [help@inspirehep.net](mailto:help@inspirehep.net).

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#### INSPIRE NEWS

2012-11-09 We updated our author profile pages. If you want to know more about the new features, please read our blog: <http://t.co/GAH7GtBW>  
2012-10-29 Data sets from HepData can now be found directly on INSPIRE. Read more about it on our blog: <http://t.co/KArDSdCp>  
2012-10-24 Paper claiming is back! If you have any questions, please write to [authors@inspirehep.net](mailto:authors@inspirehep.net)





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## HEPNAMES Search

### High-Energy Physics Directory

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[Advanced Search](#)

[find author ellis](#) and [field hep-th](#)

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Search

[Advanced Search](#)

[find address menlo park](#) :: [more](#)

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## Jobs Search

### High-Energy Physics Employment Database

A listing of academic and research jobs of interest to the community in high energy physics, nuclear physics, accelerator physics and astrophysics.

#### SELECT SEARCH FILTERS (MULTIPLES ALLOWED):

Rank:	Region:	Field:	
Senior	Africa	astro-ph	<i>Ctrl + click to select multiple Ctrl + click existing to remove <a href="#">Reset search</a></i>
Junior	Asia	cond-mat	
Postdoc	Australasia	cs	
Student	Europe	gr-qc	
Visiting Scientist	Middle East	hep-ex	

Optionally add some keywords to the search:

[particle physics](#) :: [more](#)

[LIST ALL JOBS](#) :: [ADD A POSTING](#)

#### POSTDOC DEADLINES

As occurred the last few years, many institutions have agreed to set January 7 as the earliest deadline which can be imposed for accepting offers of postdoctoral positions. Details and instructions for how to sign can be found [here](#)

#### JOBS

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## Experiments Search

### High-Energy Physics Experiments Database

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[find year 1997](#)

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# NIGHT OF THE LIVING DEAD



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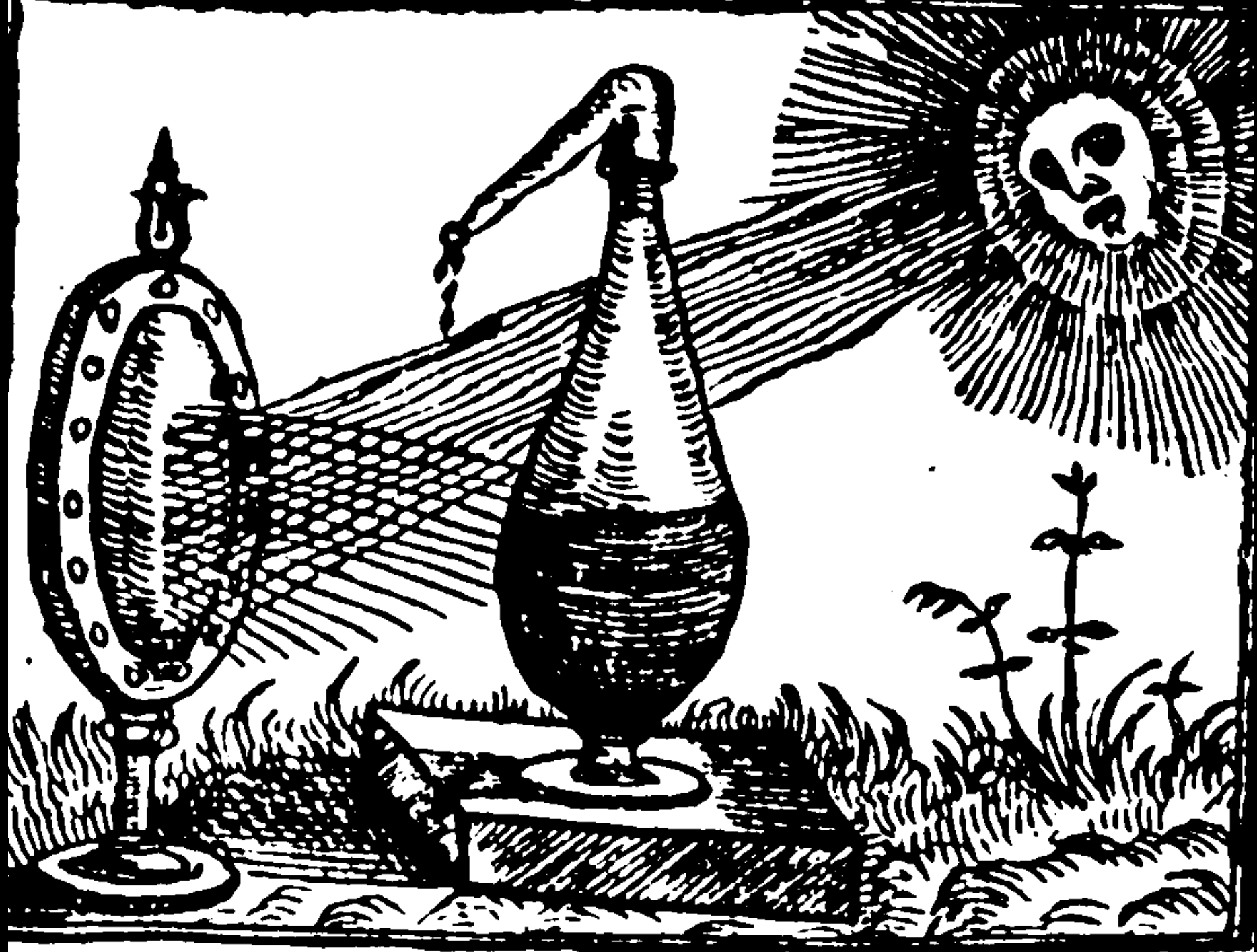
content

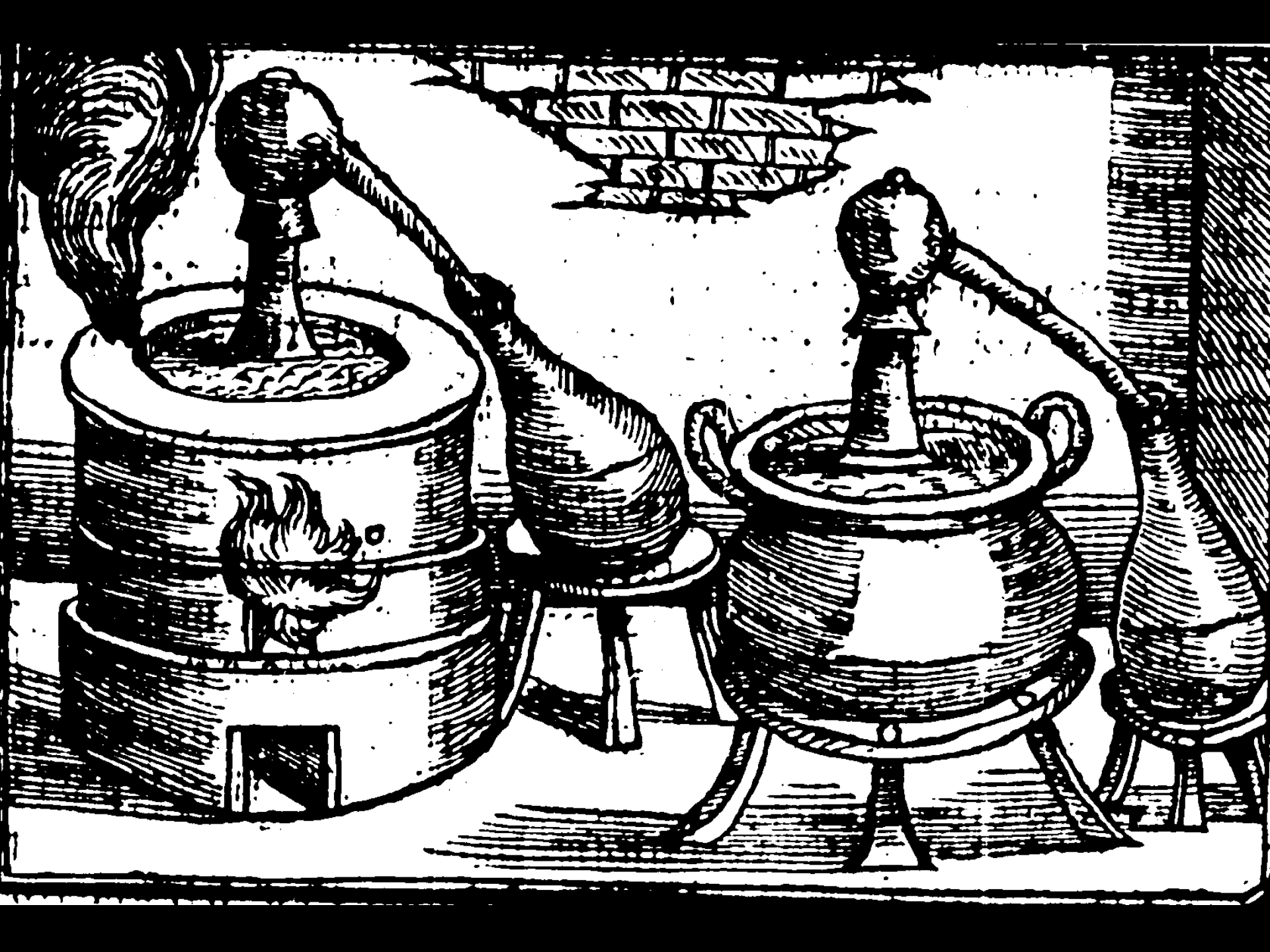
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reference extraction









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Full-text “unique” holdings  
(theses, “preserved” experimental notes, proceedings)

> 6'000

LHC Collaboration Notes

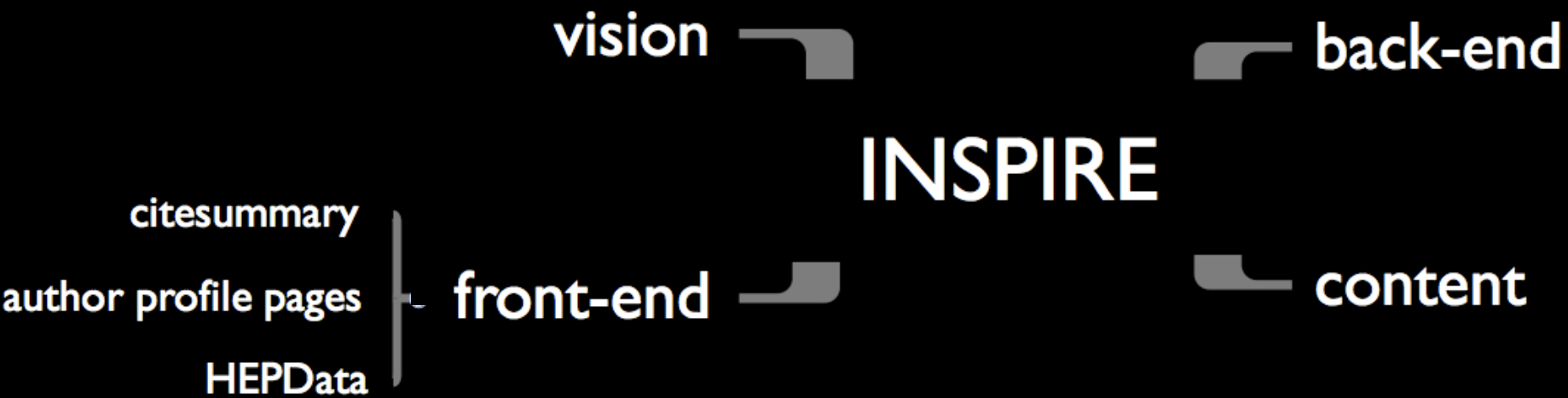
(long awaited: access all production from one place)

> 6'000

LHC Collaboration Notes

(address “split personality”)









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## Guimaraes da Costa, Joao Pedro Barreiro (619 papers relevant to High Energy Physics)

[This is me.](#) [Verify my publication list.](#)

### Name variants

Guimaraes da-Costa, J. (1)  
 Guimaraes da Costa, Joao Pedro Barreiro (55)  
 Guimaraes da Costa, Joao (2)  
 Guimaraes da Costa, J.Barreiro (1)  
 Guimaraes da Costa, J. (401)  
 Barreiro Guimarães da Costa, João (143)  
 Barreiro Guimaraes da Costa, J. (15)  
 Barreiro Guimaraes da Costa, J (1)

### Affiliations

Harvard U. (409)  
 Harvard U., Phys. Dept. (143)  
 Johns Hopkins U. (37)  
 Michigan U. (19)  
 Harvard University, Department of Physics (1)  
 Harvard U. Cambridge (1)  
 Glasgow U. (1)  
 Fermilab (1)

### Frequent co-authors (excluding collaborations)

[Beretta, Matteo](#) (2)  
[Boterenbrood, Hendrik](#) (2)  
[Brandenburg, George W.](#) (2)  
[Chapman, John Wehrley](#) (2)  
[Dai, Tie Sheng](#) (2)  
[Konig, Adriaan Clemens](#) (2)  
[Lanza, Antonino F.](#) (2)  
[Mikenberg, Giora](#) (2)  
[Oliver, John D.](#) (2)  
[Taylor, F. E.](#) (2)  
[more](#)

### Papers

	All papers	Single authored
<b>All papers</b>	<b>619</b>	<b>4</b>
Book	0	0
ConferencePaper	4	3
Introductory	0	0
Lectures	0	0
Published	546	1
Review	0	0
Thesis	1	1

### Collaborations

CDF Collaboration (451)  
 ATLAS Collaboration (160)  
 D0 Collaboration (4)  
 CDF and D0 Collaboration (3)  
 CDF and D0 collaborations (2)

### Frequent keywords

CDF (452)  
 Batavia TEVATRON Coll (435)  
 experimental results (421)  
 1960 GeV-cms (301)  
 anti-p p: colliding beams (244)  
 anti-p p: inclusive reaction (216)  
 ATLAS (154)  
 anti-p p: interaction (140)  
 CERN LHC Coll (121)  
 1800 GeV-cms (104)  
[more](#)

### Subject categories

Experiment-HEP (597)  
 Instrumentation (8)  
 Phenomenology-HEP (8)  
 Experiment-Nucl (4)

### Citations (from papers in INSPIRE):

#### Citations summary

Generated on 2012-11-15

619 papers found, 617 of them citeable (published or arXiv)

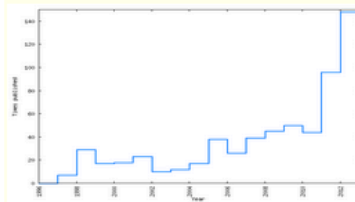
Citation summary results	Citeable papers	Published only
<b>Total number of papers analyzed:</b>	<a href="#">617</a>	<a href="#">546</a>
<b>Total number of citations:</b>	26,991	25,534
<b>Average citations per paper:</b>	43.7	46.8
<b>Breakdown of papers by citations:</b>		
Renowned papers (500+)	<a href="#">4</a>	<a href="#">3</a>
Famous papers (250-499)	<a href="#">8</a>	<a href="#">8</a>
Very well-known papers (100-249)	<a href="#">47</a>	<a href="#">47</a>
Well-known papers (50-99)	<a href="#">99</a>	<a href="#">97</a>
Known papers (10-49)	<a href="#">284</a>	<a href="#">269</a>
Less known papers (1-9)	<a href="#">147</a>	<a href="#">112</a>
Unknown papers (0)	<a href="#">28</a>	<a href="#">10</a>
$h_{HEP}$ index [2]	83	81

#### See additional metrics

[Exclude self-citations or RPP](#)

**Warning:** The citation search should be used and interpreted with great care. [Read the fine print](#)

#### Publications per year:



#### HepNames data

**Joao Barreiro Guimaraes da Costa** ([Harvard U.](#))  
[\[Publication list\]](#) [\[Google\]](#) [\[Students\]](#) [\[arXiv\]](#) [\[ADS\]](#)

PhD Advisor: [Gerdes, David W.](#)  
 PhD Institution: [Michigan U.](#)  
 Email: [guimaraes@physics.harvard.edu](mailto:guimaraes@physics.harvard.edu)  
 Field: HEP-EX



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author:"M.L.Mangano.1"   [Easy Search](#) [Advanced Search](#)  
[find | \\*Phys.Rev.Lett.,105\\*](#) :: [more](#)

Sort by:    Display results:

## Citesummary excluding self-citations or RPP citations

[Back to citesummary](#)

Generated on 2012-11-15

477 papers found, 405 of them citeable (published or arXiv)

### Citation summary results

	Citeable papers	Citeable papers excluding self cites	Citeable papers excluding RPP	Published only	Published only excluding self cites	Published only excluding RPP
<b>Total number of papers analyzed:</b>	<a href="#">405</a>	<a href="#">405</a>	<a href="#">397</a>	<a href="#">360</a>	<a href="#">360</a>	<a href="#">352</a>
<b>Total number of citations:</b>	67,515	63,310	38,167	64,222	60,155	34,874
<b>Average citations per paper:</b>	166.7	156.3	96.1	178.4	167.1	99.1
<b>Breakdown of papers by citations:</b>						
Renowned papers (500+)	<a href="#">14</a>	<a href="#">14</a>	<a href="#">7</a>	<a href="#">13</a>	<a href="#">13</a>	<a href="#">6</a>
Famous papers (250-499)	<a href="#">23</a>	<a href="#">13</a>	<a href="#">23</a>	<a href="#">21</a>	<a href="#">11</a>	<a href="#">21</a>
Very well-known papers (100-249)	<a href="#">85</a>	<a href="#">81</a>	<a href="#">85</a>	<a href="#">77</a>	<a href="#">74</a>	<a href="#">77</a>
Well-known papers (50-99)	<a href="#">84</a>	<a href="#">83</a>	<a href="#">84</a>	<a href="#">79</a>	<a href="#">77</a>	<a href="#">79</a>
Known papers (10-49)	<a href="#">148</a>	<a href="#">155</a>	<a href="#">148</a>	<a href="#">137</a>	<a href="#">145</a>	<a href="#">137</a>
Less known papers (1-9)	<a href="#">41</a>	<a href="#">46</a>	<a href="#">40</a>	<a href="#">29</a>	<a href="#">34</a>	<a href="#">28</a>
Unknown papers (0)	<a href="#">10</a>	<a href="#">13</a>	<a href="#">10</a>	<a href="#">4</a>	<a href="#">6</a>	<a href="#">4</a>
$h_{\text{HEP}}$ index <a href="#">?</a>	110	104	106	104	99	102

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Charged-particle multiplici... x  
inspirehep.net/record/849050

INSPIRE HEP

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Information References (1) Citations (129) Files Plots HepData

## Charged-particle multiplicities in $pp$ interactions at $\sqrt{s} = 900$ GeV measured with the ATLAS detector at the LHC.

ATLAS Collaboration (G. Aad (Freiburg U.) *et al.*) [Show all 3222 authors](#).

Mar 2010 - 40 pages

**Phys.Lett. B688 (2010) 21-42**  
DOI: [10.1016/j.physletb.2010.03.064](https://doi.org/10.1016/j.physletb.2010.03.064)  
CERN-PH-EP-2010-004  
e-Print: [arXiv:1003.3124](https://arxiv.org/abs/1003.3124) [hep-ex] | [PDF](#)  
Experiment: [CERN-LHC-ATLAS](#)

**Abstract:** The first measurements from proton-proton collisions recorded with the ATLAS detector at the LHC are presented. Data were collected in December 2009 using a minimum-bias trigger during collisions at a centre-of-mass energy of 900 GeV. The charged-particle multiplicity, its dependence on transverse momentum and pseudorapidity, and the relationship between mean transverse momentum and charged-particle multiplicity are measured for events with at least one charged particle in the kinematic range  $|\eta| < 2.5$  and  $p_T > 500$  MeV. The measurements are compared to Monte Carlo models of proton-proton collisions and to results from other experiments at the same centre-of-mass energy. The charged-particle multiplicity per event and unit of pseudorapidity at  $\eta = 0$  is measured to be  $1.333 \pm 0.003$  (stat.)  $\pm 0.040$  (syst.), which is 5-15% higher than the Monte Carlo models predict.

**Note:** 40 pages (pages 24-40 appendix with ATLAS collaboration author list), 4 figures. The data points are in the HEP-data database at: <http://hepdata.cedar.ac.uk/View/8591806>

**Keyword(s):** [INSPIRE: charged particle: multiplicity: measured](#) | [ATLAS](#) | [transverse momentum dependence](#) | [CERN LHC Coll](#) | [Monte Carlo](#) | [rapidity: density](#) | [p p: inelastic scattering](#) | [900 GeV-cms](#)  
Author supplied: [Charged-particle](#) | [Multiplicities](#) | [900 GeV](#) | [ATLAS](#) | [LHC](#) | [Minimum bias](#) | [OSG](#) : [ATLAS](#)

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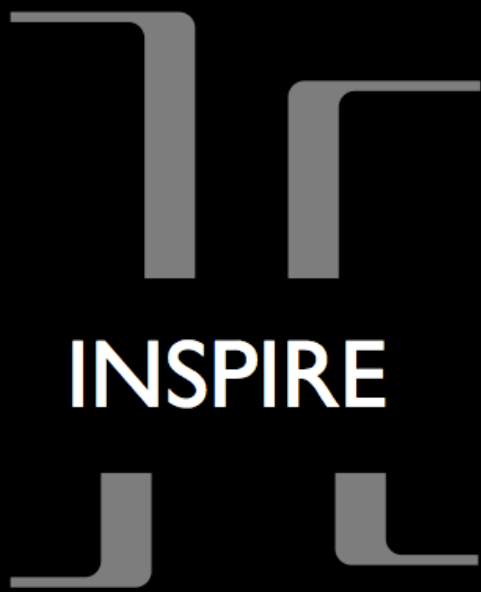
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JOHN CUSACK CAMERON DIAZ CATHERINE KEENER

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Produzenten MICHAEL STUPE und SANDY STERN STEVE SOLEN VINCENT LANDAY Drehbuch CHARLIE KAUFMAN Regie SPIKE JONZE Ein UIP / UNIVERSAL Film

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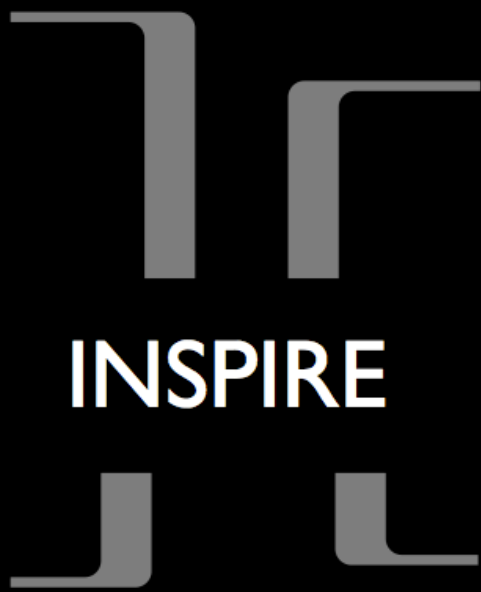
HEPData

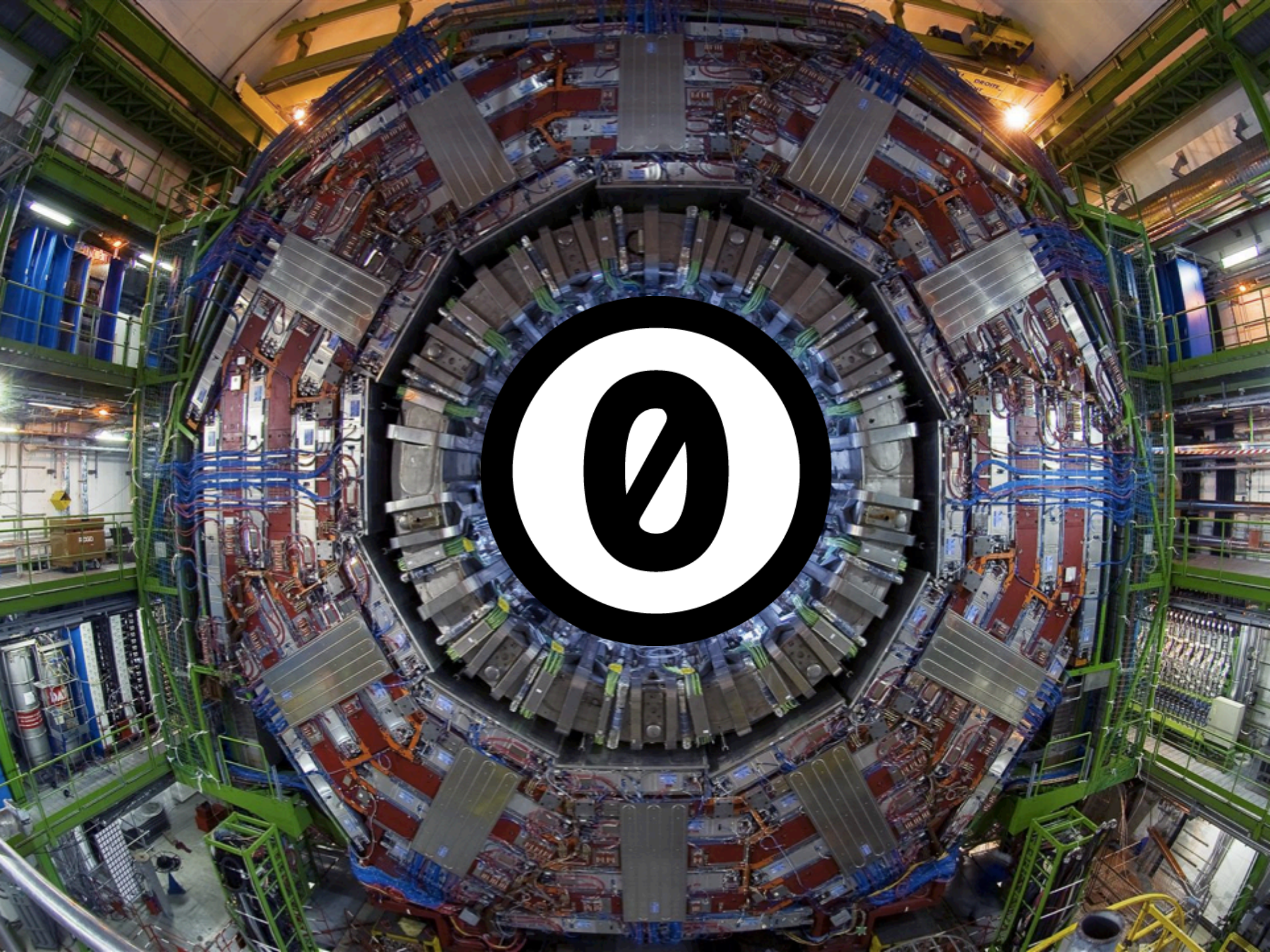
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# **CMS data preservation, re-use and open access policy**

*[excerpt] CMS makes data of high-level of abstraction available.*

*According to the scope and format of the data, these are accessible and preserved through a variety of platforms such as the existing tiered CMS computing infrastructure, third-party platforms for the HEP community such as INSPIRE, and existing outreach initiatives.*

*INSPIRE will make these data sets citable through emerging industry standards in data publication, allowing to count their citations.*

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# Crowdsourcing



“Claim my paper”

“Fix her references”

“Extract our plots”

“Clean his metadata”

A circular arrangement of diverse hands holding each other, symbolizing partnership. The hands are of various skin tones, including light, medium, and dark brown, and are positioned in a circle, with fingers interlocking or resting on each other. The background is plain white.

**partnership**