



Aggregating High Energy Physics (HEP) Literature

Jan Åge Lavik
CERN



HEP Search

High-Energy Physics Literature Database

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

Brief format ▼

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[find j phys.rev.,D50,1140 or j jhep,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")

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2013-07-04 The Higgs announcement one year later.

<http://t.co/ksWpfWmc9Z>

2013-06-27 Citations and the awakening of Sleeping Beauties

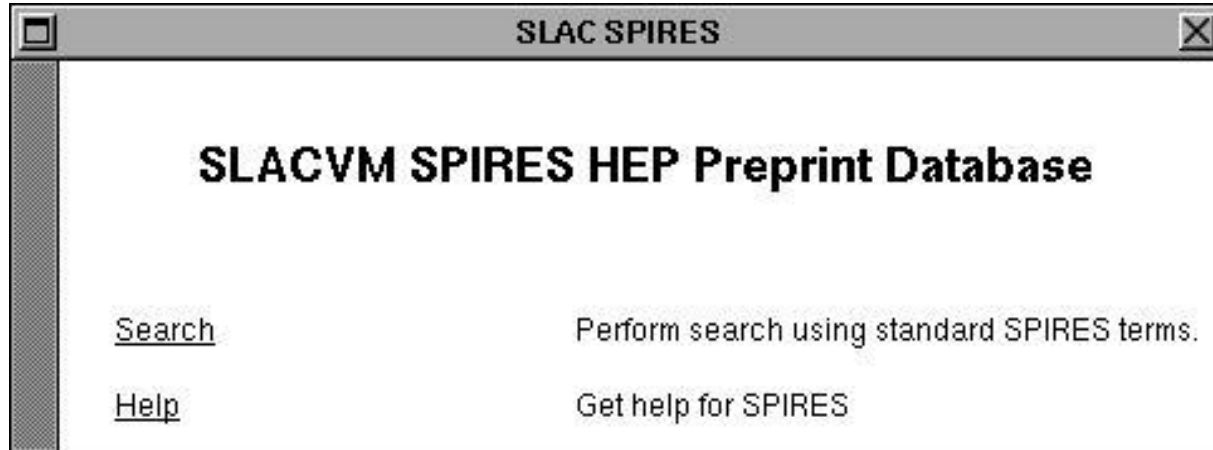
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2013-06-13 Highlights from the INSPIRE user survey just posted on our blog: <http://t.co/U9vfMH9A9a>



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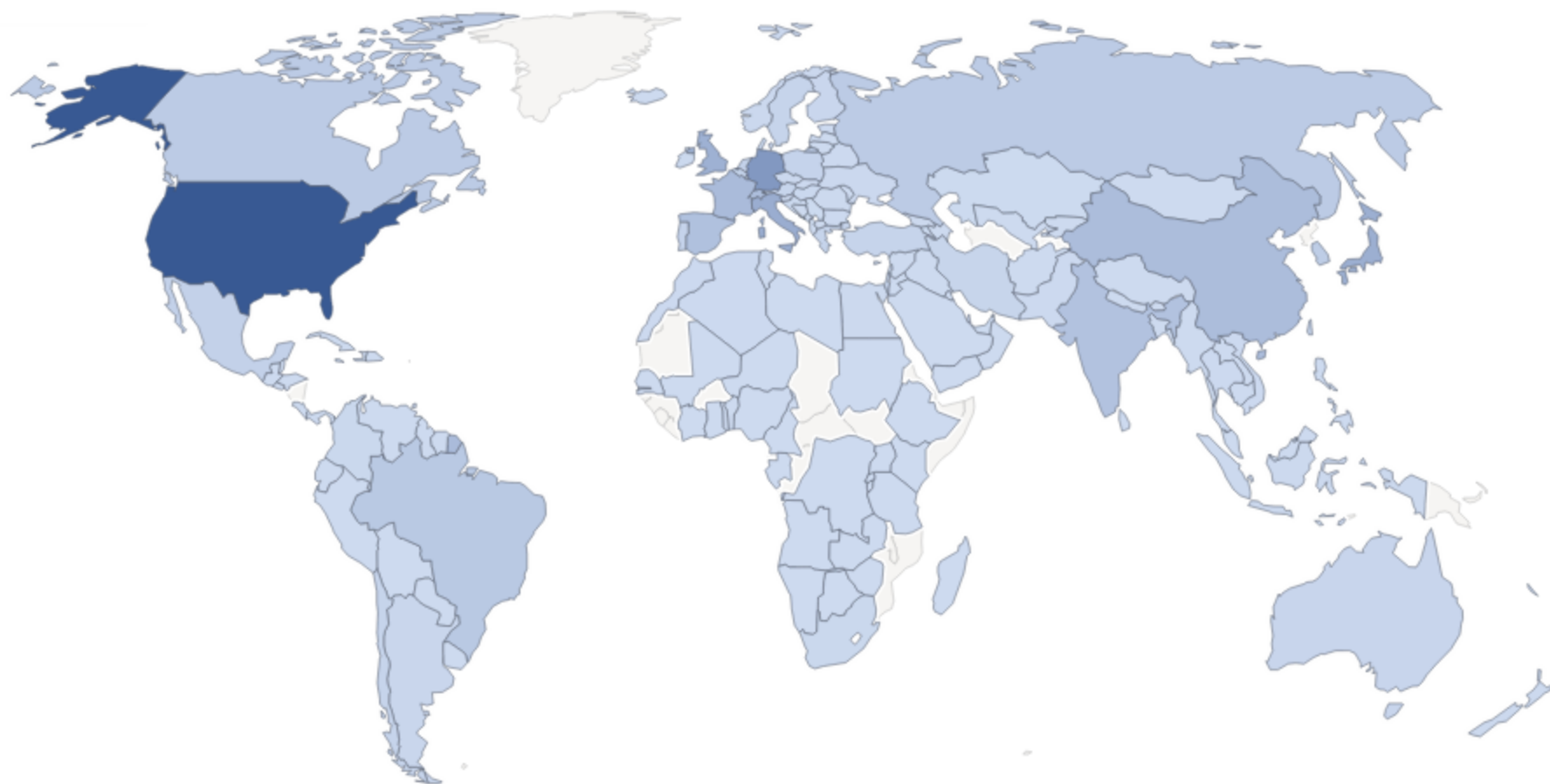
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24/7

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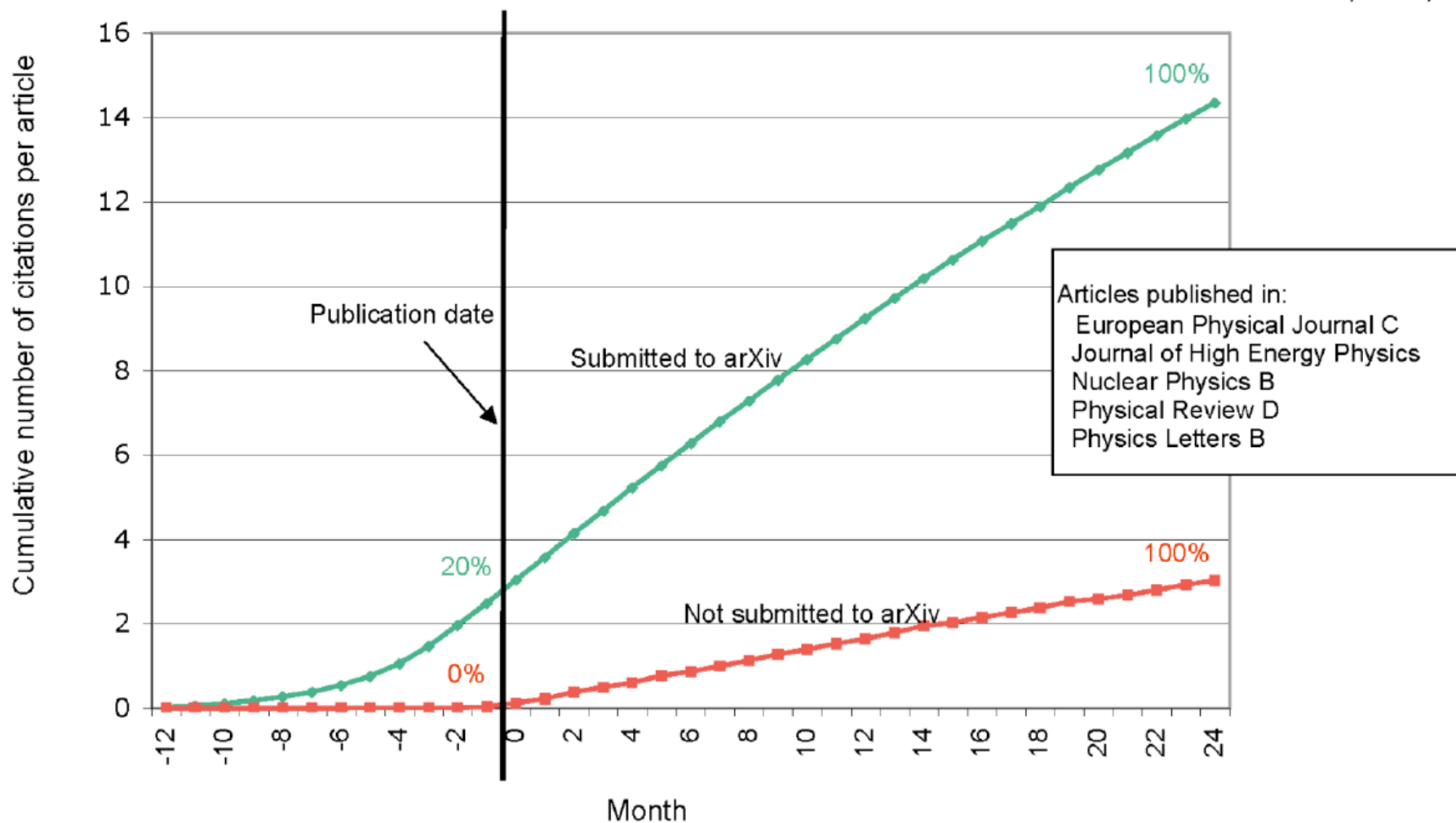
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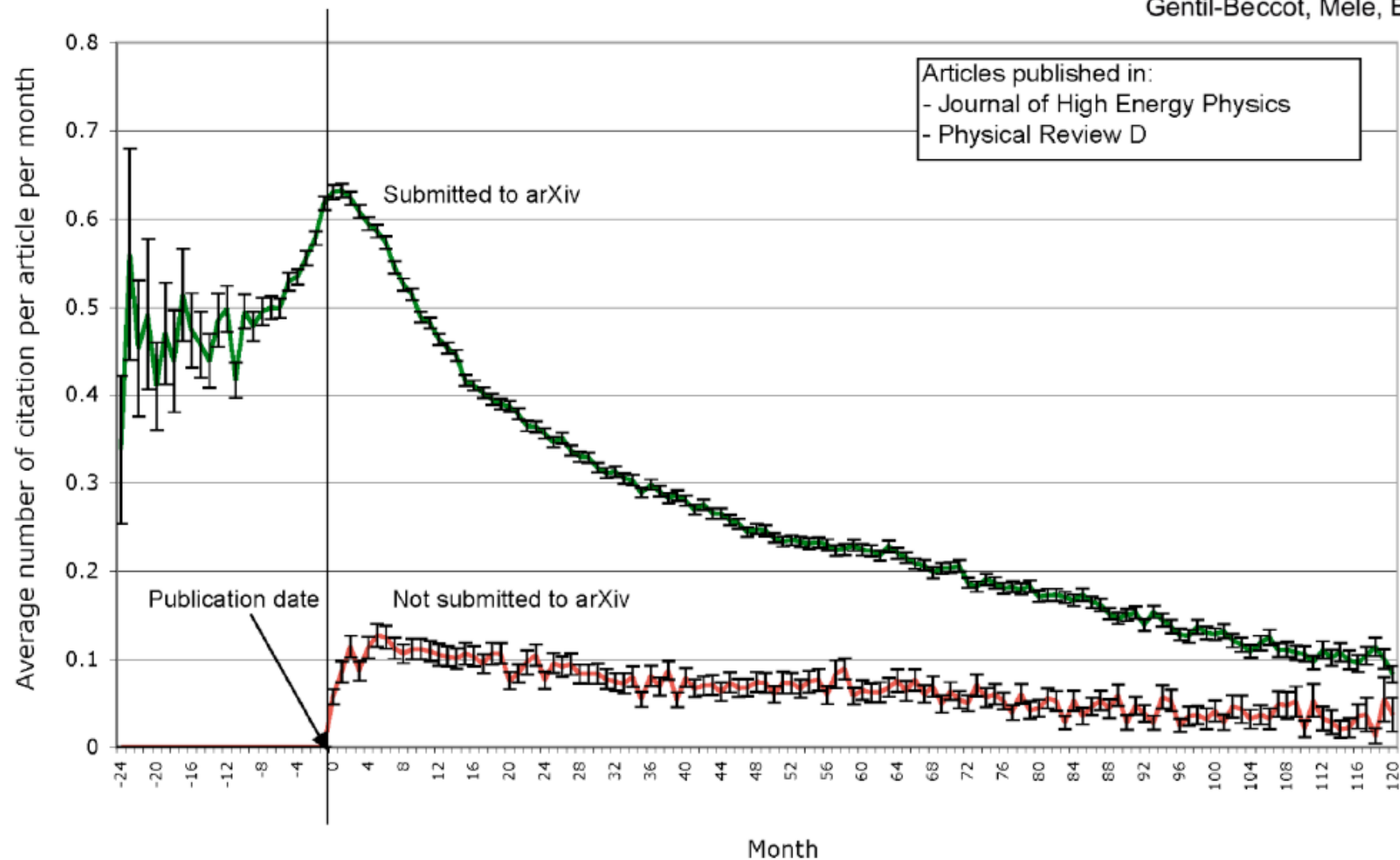
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Diffractive W and Z Production at the Fermilab Tevatron

Affiliations

CDF Collaboration (T. Aaltonen (Helsinki Inst. of Phys.) *et al.*) [Show all 514 authors](#)

Jul 2010 - 10 pages

Phys.Rev. D82 (2010) 112004

DOI: [10.1103/PhysRevD.82.112004](https://doi.org/10.1103/PhysRevD.82.112004)

FERMILAB-PUB-10-255-E

e-Print: [arXiv:1007.5048](https://arxiv.org/abs/1007.5048) [hep-ex] | [PDF](#)

Experiment: [FNAL-E-0830](#), [FNAL-TEV-CDF](#)

Linked data

Abstract: We report on a measurement of the fraction of events with a W or Z boson which are produced diffractively in antiproton-proton collisions at a center of mass energy of 1.96 TeV, using data from 0.6 inverse femtobarns of integrated luminosity collected with the CDF-II detector equipped with a Roman-pot spectrometer that detects the antiproton (\bar{p}) from $\bar{p}+p \rightarrow \bar{p}+[X+W/Z]$. We find that $(1.00 \pm 0.11)\%$ of Ws and $(0.88 \pm 0.22)\%$ of Zs are produced diffractively in a region of antiproton or proton fractional momentum loss (ξ) of $0.03 < \xi < 0.10$ and 4-momentum transferred squared t of $-1 < t < 0$ (GeV/c^2), where we account for the events in which the proton scatters diffractively while the antiproton dissociates, $\bar{p}+p \rightarrow [X+W/Z]+p$, by doubling the measured proton dissociation fraction. We also report on searches for W and Z production in double Pomeron exchange, $p+\bar{p} \rightarrow p+[X+W/Z]+\bar{p}$, and on exclusive Z production, $\bar{p}+p \rightarrow \bar{p}+Z+p$. No signal is seen above background for these processes, and comparisons are made with expectations.

PACS: [14.70.Hp](#) | [12.40.Nn](#) | [14.70.Fm](#) | [11.55.Jy](#)

Note: 10 pages, 6 figures

Keyword(s): INSPIRE: [W: hadroproduction](#) | [Z0: hadroproduction](#) | [pomeron: exchange](#) | [diffraction](#) | [Batavia TEVATRON Coll](#) | [CDF](#) | [anti-p p: inclusive reaction](#) | [anti-p p: exclusive reaction](#) | [intermediate boson: leptonic decay](#) | [W: mass](#) | [experimental results](#) | [exchange: \(2pomeron\)](#) | [anti-p p \$\rightarrow\$ W anti-p anything](#) | [anti-p p \$\rightarrow\$ Z0 anti-p anything](#) | [anti-p p \$\rightarrow\$ Z0 anti-p](#) | [1960 GeV-cms](#)
Author supplied: [diffraction](#)

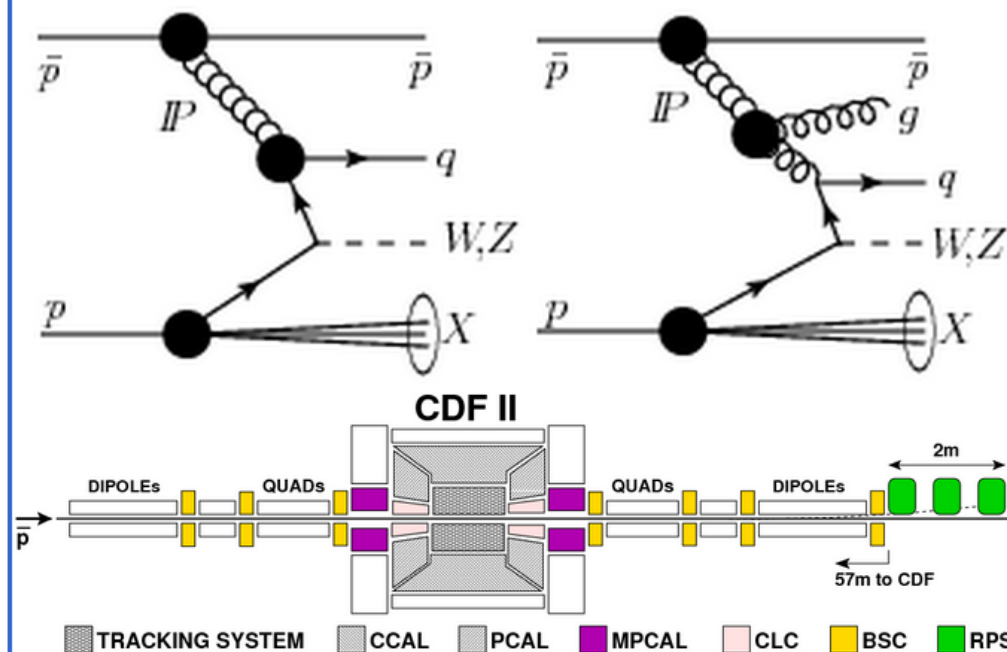
Technical data

Keywords

Enriched and corrected meta-data

Diffractive W and Z Production at the Fermilab Tevatron - CDF Collaboration

(Aaltonen, T. et al.) Phys.Rev. D82 (2010) 112004 arXiv:1007.5048 [hep-ex] FERMILAB-PUB-10-255-E



Diffractive W production: (left) through quarks, and (right) through gluons.

Schematic drawing of the CDF~II detector.

Additional data files and figures with captions

"UNAM, Mexico"

Citesummary

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196 papers found, 193 of them citeable (published or arXiv)

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Total number of papers analyzed:

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Published only

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Total number of citations:

5,020

4,631

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26.0

39.9

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[0](#)

Famous papers (250-499)

[4](#)

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Very well-known papers (100-249)

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Unknown papers (0)

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Citation extraction and analysis

This is me. Verify my publication list.

Ellis, Jonathan Richard (956 papers relevant to High Energy Physics)

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Name variants	Papers		Citations (from papers in INSPIRE):		
Ellis, Jonathan Richard (1)	All papers	956	Single authored	Citations summary	
Ellis, Jonathan R. (2)	Book	2	0	Generated on 2013-06-25	
Ellis, John R. (1)	Conference Paper	233	158	956 papers found, 781 of them citeable (published or arXiv)	
Ellis, John R. (842)	Introductory	21	19	Citation summary results	Citeable papers Published only
Ellis, John (72)	Lectures	46	36	Total number of papers analyzed:	781 626
Ellis, J.R. (12)	Published	626	54	Total number of citations:	57,070 54,295
Ellis, J. (25)	Review	105	72	Average citations per paper:	73.1 86.7
Ellis, J. (1)	Thesis	1	1	Breakdown of papers by citations:	
	Proceedings	16	0	Renowned papers (500+)	12 12
				Famous papers (250-499)	40 39
Affiliations	Collaborations				
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[HEP](#)

3,591 records found 1 - 25 ►► jump to record: 1

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1. Holographic Brownian motion in three dimensional $G^{(0)}$ del black hole

J. Sadeghi, F. Pourasadollah, H. Vaez. Aug 12, 2013. 15 pp.

e-Print: [arXiv:1308.2483](#) [hep-th] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
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Snippets courtesy of arXiv

[7] R. A. Janik, "The Dynamics of Quark-Gluon Plasma and AdS/CFT," Lect.Notes Phys. 828, 147 (2011).

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2. Event-by-event Hydrodynamic Simulations for Relativistic Heavy-ion Collisions

Zhi Qiu, Ulrich Heinz. Aug 9, 2013.

e-Print: [arXiv:1308.2182](#) [nucl-th] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
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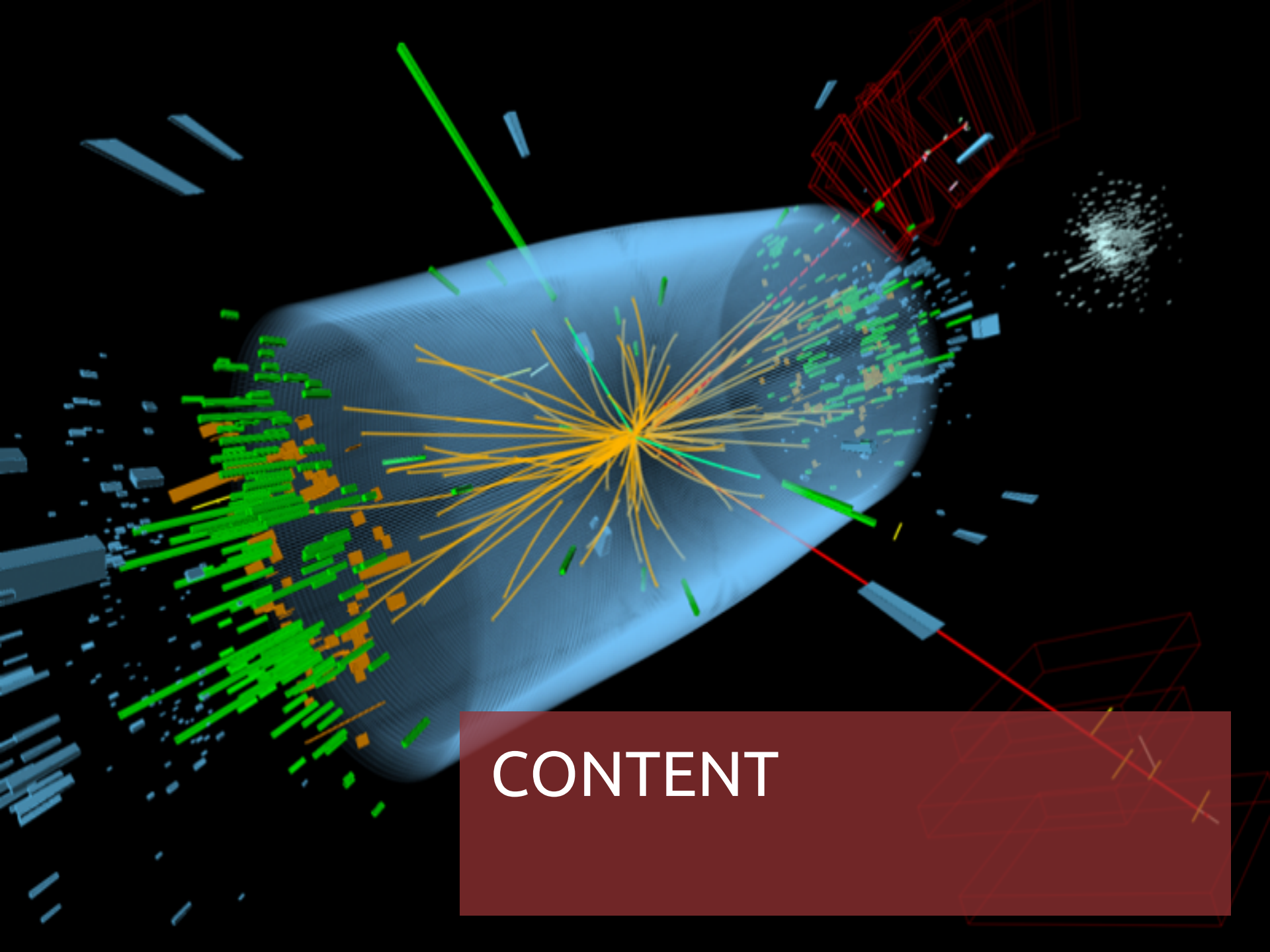
distributions. This thermalized medium is the **quark-gluon plasma** (QGP). The information on the out-going...hydrodynamic simulations The evolution of the **quark-gluon plasma** is simulated using relativistic hydrodynamics....In a purely hydrodynamic simulation, both the **quark-gluon plasma** and the re-scattering of the emitted...flow from the hadron gas phase into the **quark-gluon plasma** phase. These are rare and usually are ignored...Heinz, C. Shen, and H. Song, The viscosity of **quark-gluon plasma** at RHIC and the LHC, AIP Conf. Proc.

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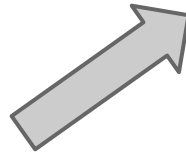
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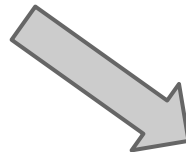
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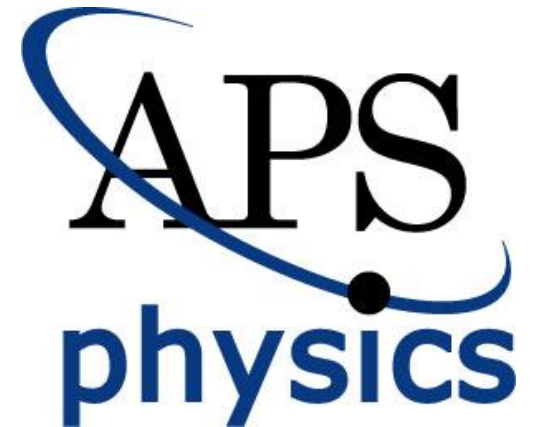
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conferences, thesis archives

find date 2012

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1. 24th Conference on High Energy Physics (IFAE 2012)

11-13 Apr 2012.

C12-04-11.1, [Contributions](#)

<http://agenda.infn.it/conferenceDisplay.py?confId=4251>

[Detailed record](#)

2. 35th Brazilian Workshop on Nuclear Physics

02-06 Sep 2012. São Sebastião, São Paulo, Brazil

C12-09-02, [Contributions](#)

[Detailed record](#)

3. IN2P3 School of Statistics (SOS 2012)

28 May - 01 Jun 2012. Autrans, France

C12-05-28.3, [Proceedings](#), [Contributions](#)

<https://indico.in2p3.fr/conferenceDisplay.py?confId=6315>

[Detailed record](#)

4. 4th Joint Meeting of the 16th International Conference on Hyperfine Interactions and the 20th international Symposium on Nuclear Quadrupole Interactions (HFI/NQI 2012)

10-14 Sep 2012. Beijing, China

C12-09-10.7, [Proceedings](#), [Contributions](#)

<http://cnps.ac.cn/hfi2012/>

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5. 31st International Workshop on Nuclear Theory (IWNT 2012)

24-30 Jun 2012. Rila Mountains, Bulgaria

C12-06-24.3, [Contributions](#)

<http://ntl.inrne.bas.bg>

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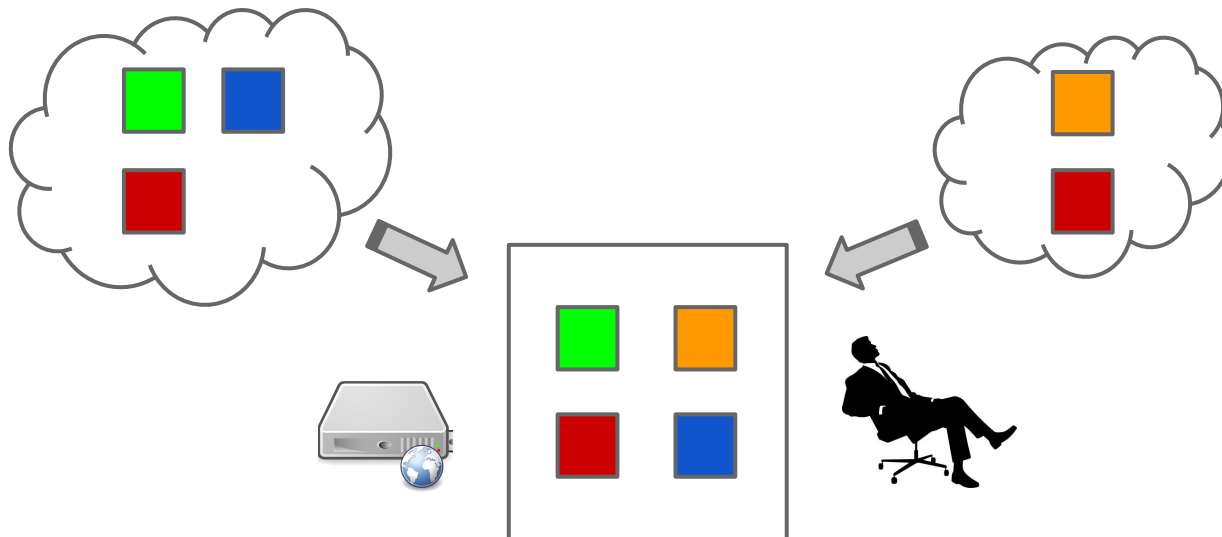
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Automatic and manual deduplication



Reference extraction

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[Measuring massive metastable charged particles with ATLAS RPC timing information.](#) - Ellis, Jonathan Richard *et al.* ATL-PHYS-PUB-2007-016, ATL-COM-PHYS-2006-093

- [1] L. Maiani. All You Need To Know About The Higgs Boson, in Proceedings of the Gif-surYvette Summer School On Particle. Physics, 1979, 1
- [2] Hooft, C. Itzykson, A. Jaffe, H. Lehmann, P. K. Mitter, I. M. Plenum. G. 't Hooft, in Recent Developments In Gauge Theories. Proceedings, Nato Advanced Study Institute, Cargese, France, August 26 - September 8, 1979, eds. G. 't Singer and R. Stora, (Press, NY, 1980).
- [3] [Mass Hierarchies in Supersymmetric Theories](#) - Witten, Edward Phys.Lett. B105 (1981) 267 IC/81/106
- [4] [Precision LEP data, supersymmetric GUTs and string unification](#) - Ellis, John R. *et al.* Phys.Lett. B249 (1990) 441-448 CERN-TH-5773-90, CTP-TAMU-60-90, ACT-11
- [5] [Probing the desert using gauge coupling unification](#) - Ellis, John R. *et al.* Phys.Lett. B260 (1991) 131-137 CERN-TH-5943-90, CTP-TAMU-97-90, ACT-19
- [6] [Comparison of grand unified theories with electroweak and strong coupling constants measured at LEP](#) - Amaldi, Ugo *et al.* Phys.Lett. B260 (1991) 447-455 CERN-PPE-91-44, IEKP-KA-91-01
- [7] [Running coupling constants and grand unification models](#) - Giunti, C. *et al.* Mod.Phys.Lett. A6 (1991) 1745-1755
- [8] [Constraint on the Photino Mass from Cosmology](#) - Goldberg, H. Phys.Rev.Lett. 50 (1983) 1419, Erratum-ibid. 103 (2009) 099905 NUB-2592
- [9] [Supersymmetric Relics from the Big Bang](#) - Ellis, John R. *et al.* Nucl.Phys. B238 (1984) 453-476 SLAC-PUB-3171
- [10] [A Phenomenological Model of Particle Physics Based on Supersymmetry](#) - Dine, Michael *et al.* Phys.Lett. B110 (1982) 227 PRINT-82-0029 (IAS,PRINCETON)
- [11] [Low-Energy Supersymmetry](#) - Alvarez-Gaume, Luis *et al.* Nucl.Phys. B207 (1982) 96 HUTP-81-A063
- [12] [Supersymmetric Extension of the SU\(3\) x SU\(2\) x U\(1\) Model](#) - Nappi, Chiara R. *et al.* Phys.Lett. B113 (1982) 175 PRINT-82-0093 (IAS,PRINCETON)
- [13] [Dynamical supersymmetry breaking at low-energies](#) - Dine, Michael *et al.* Phys.Rev. D48 (1993) 1277-1287 hep-ph/9303230 SCIPP-93-03, UCSD-PTH-93-05
- [14] [Low-energy dynamical supersymmetry breaking simplified](#) - Dine, Michael *et al.* Phys.Rev. D51 (1995) 1362-1370 hep-ph/9408384 SCIPP-94-21, UW-PT-94-07
- [15] [New tools for low-energy dynamical supersymmetry breaking](#) - Dine, Michael *et al.* Phys.Rev. D53 (1996) 2658-2669 hep-ph/9507378 SCIPP-95-32, UW-PT-95-08, WIS-95-29-JUL-PH
- [16] [Theories with gauge mediated supersymmetry breaking](#) - Giudice, G.F. *et al.* Phys.Rept. 322 (1999) 419-499 hep-ph/9801271 CERN-TH-97-380
- [17] [Out of this world supersymmetry breaking](#) - Randall, Lisa *et al.* Nucl.Phys. B557 (1999) 79-118 hep-th/9810155 MIT-CTP-2788, PUPT-1815, BUHEP-98-26
- [18] [Gaugino mass without singlets](#) - Giudice, Gian F. *et al.* JHEP 9812 (1998) 027 hep-ph/9810442 CERN-TH-98-337, LBNL-42419, LBL-42419, UCB-PTH-98-50, UMD-PP-99-037
- [19] [Cosmological Gravitino Regeneration and Decay](#) - Ellis, John R. *et al.* Phys.Lett. B145 (1984) 181 CERN-TH-3839
- [20] [Cosmological constraints on the light stable gravitino](#) - Moroi, T. *et al.* Phys.Lett. B303 (1993) 289-294 TU-424
- [21] [On the thermal regeneration rate for light gravitinos in the early universe](#) - Ellis, John R. *et al.* Astropart.Phys. 4 (1996) 371-386 hep-ph/9505438 ACT-07-95, CERN-

User corrections

Search for charged Higgs bosons decaying via $H^+ \rightarrow \tau \nu$ in top quark pair events using pp collision data at $\sqrt{s} = 7$ TeV with the ATLAS detector

[ATLAS Collaboration \(Aad, Georges et al.\)](#)

CERN-PH-EP-2012-083, JHEP 1206, 039, 2012; Date-Upd:2012-06-13


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Phys.Rev.,D8,1226

[A Theory of Spontaneous T Violation](#) - Lee, T.D. Phys.Rev. D8 (1973) 1226-1239



Phys.Rev.,D22,2860

[Neutrino Masses, Mixings and Oscillations in \$SU\(2\) \times U\(1\)\$ Models of Electroweak Interactions](#) - Cheng, T.P. et al. Phys.Rev. D22 (1980) 2860 PRINT-80-0511 (CARNEGIE-MELLON), COO-3066-152



Phys.Rev.,D22,2227

[Neutrino Masses in \$SU\(2\) \times U\(1\)\$ Theories](#) - Schechter, J. et al. Phys.Rev. D22 (1980) 2227 SU-4217-167, COO-3533-167



Nucl.Phys.,B181,287

[Proton Lifetime and Fermion Masses in an \$SO\(10\)\$ Model](#) - Lazarides, George et al. Nucl.Phys. B181 (1981) 287 FREIBURG-THEP-80-2

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Cited over 9000 times

The Large N limit of superconformal field theories and supergravity

Juan Martin Maldacena (Harvard U.). Nov 1997. 19 pp.

Published in **Adv.Theor.Math.Phys. 2 (1998) 231-252**

HUTP-97-A097

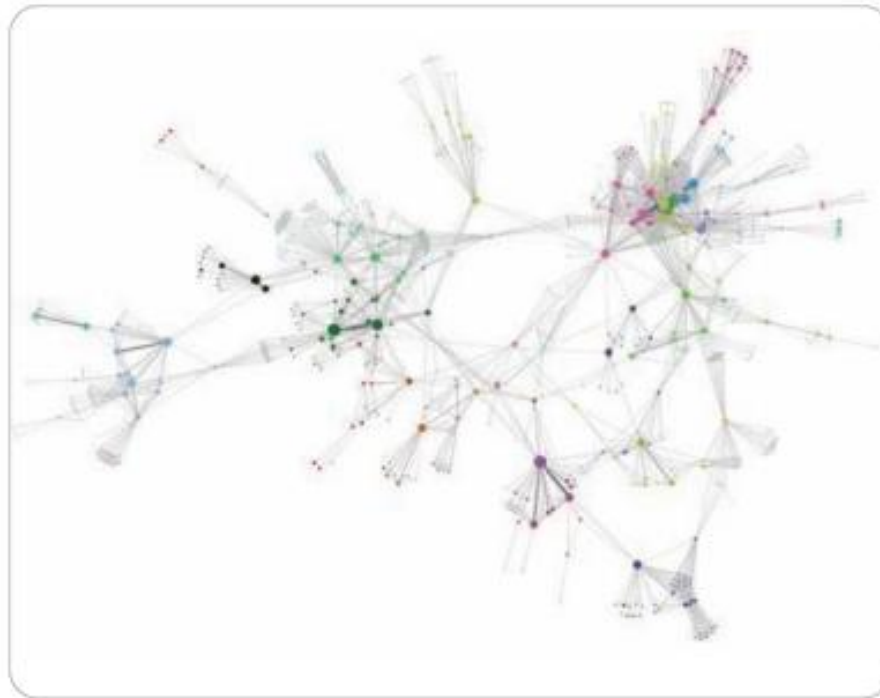
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Author disambiguation



Brooks, Carli, Mele, Dallmeier-Tiesses, Weiler
http://cds.cern.ch/record/1381202/files/158_paper.pdf

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on 1 million papers

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Carli, Samuele (1)

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