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Published in: JHEP 03 (2021) 003 + e-Print: 2007.01864 [hep-ex]

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Reconstruction of signal amplitudes in the CMS electromagnetic calorimeter in the presence of overlapping proton-proton interactions

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 25, 2020) Published in: JINST 12 (2020) 065 + e-Print: 2006.14359 [physics.ins-det]

pdf PDF links DOI eprint datasets 9 citations

Inclusive search for highly boosted Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 23, 2020) Published in: JHEP 12 (2020) 085 + e-Print: 2006.12521 [hep-ex]

pdf PDF links DOI eprint datasets 19 citations

Evidence for Top Quark Production in Nucleus-Nucleus Collisions

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 10, 2020) Published in: Phys.Rev.Lett. 125 (2020) 22, 2202051 + e-Print: 2006.11110 [hep-ex]

pdf PDF links DOI eprint datasets 6 citations

Observation of the Production of Three Massive Gauge Bosons at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 10, 2020) Published in: Phys.Rev.Lett. 125 (2020) 15, 151802 + e-Print: 2006.11101 [hep-ex]

pdf PDF links DOI eprint datasets 20 citations

Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 17, 2020) Published in: JINST 15 (2020) 10, 1001017 + e-Print: 2006.10162 [hep-ex]

pdf PDF links DOI eprint datasets 99 citations

Measurement of the azimuthal anisotropy of image 1 and image 2 mesons in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 15, 2020) Published in: JHEP 09 (2020) 19385 + e-Print: 2006.07707 [hep-ex]

pdf PDF DOI eprint datasets 17 citations

Search for resonant pair production of Higgs bosons in the hZZ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 11, 2020) Published in: Phys.Rev.D 102 (2020) 3, 032001 + e-Print: 2006.06391 [hep-ex]

pdf PDF DOI eprint datasets 23 citations

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Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 11, 2020) Published in: Eur.Phys.J. C 80 (2020) 8, 752 + e-Print: 2001.10086 [hep-ex]

pdf PDF DOI eprint datasets 23 citations

Search for charged Higgs bosons decaying into a top and a bottom quark in the ah jet final state of pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 21, 2019) Published in: JHEP 07 (2020) 126 + e-Print: 2001.07763 [hep-ex]

pdf PDF DOI eprint datasets 42 citations

Measurement of the associated production of a Z boson with charm or bottom quark jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 10, 2019) Published in: Phys.Rev.D 102 (2020) 3, 032007 + e-Print: 2001.06899 [hep-ex]

pdf PDF DOI eprint datasets 15 citations

Study of excited Λ_c^+ states decaying to $\Lambda_b^0 p \pi^+$ in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 17, 2020) Published in: Phys.Lett.B 803 (2020) 19345 + e-Print: 2001.06533 [hep-ex]

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Measurements with silicon photomultipliers of dose-rate effects in the radiation damage of plastic scintillator tiles in the CMS hadron endcap calorimeter

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 11, 2020) Published in: JINST 15 (2020) 06, 060009 + e-Print: 2001.06030 [physics.ins-det]

pdf PDF DOI eprint datasets 1 citation

Search for an excited lepton that decays via a contact interaction to a lepton and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 11, 2020) Published in: JHEP 05 (2020) 052 + e-Print: 2001.04521 [hep-ex]

pdf PDF DOI eprint datasets 8 citations

A deep neural network to search for new long-lived particles decaying to jets

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 17, 2019) Published in: Mach.Learn.Sci.Tech. 7 (2020) 05919 + e-Print: 1912.12298 [hep-ex]

pdf PDF DOI eprint datasets 23 citations

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pdf PDF DOI eprint datasets 23 citations

Bose-Einstein correlations of charged hadrons in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 19, 2019) Published in: JHEP 03 (2020) 014 + e-Print: 1910.09813 [hep-ex]

pdf PDF links DOI eprint datasets 10 citations

Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 19, 2019) Published in: Eur.Phys.J. C 80 (2020) 6, 534 + e-Print: 1910.08780 [hep-ex]

pdf PDF DOI eprint datasets 9 citations

Strange hadron production in pp and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 19, 2019) Published in: Phys.Rev.C 101 (2020) 6, 064906 + e-Print: 1910.04812 [hep-ex]

pdf PDF DOI eprint datasets 25 citations

Measurement of the top quark polarization and $\vec{t}\vec{t}$ spin correlations using dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 1, 2019) Published in: Phys.Rev.D 100 (2019) 7, 072002 + e-Print: 1907.03729 [hep-ex]

pdf PDF DOI eprint datasets 50 citations

Study of J/ψ meson production inside jets in pp collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 3, 2019) Published in: Phys.Lett.B 804 (2020) 13409 + e-Print: 1910.01686 [hep-ex]

pdf PDF DOI eprint datasets 11 citations

Search for Supersymmetry with a Compressed Mass Spectrum in Events with a Soft τ Lepton, a Highly Energetic Jet, and Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 2, 2019) Published in: Phys.Rev.Lett. 124 (2020) 4, 041801 + e-Print: 1910.01163 [hep-ex]

pdf PDF DOI eprint datasets 19 citations

Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Sep 20, 2019) Published in: JINST 13 (2020) 05, 050022 + e-Print: 1910.00079 [physics.ins-det]

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pdf PDF DOI eprint datasets 22 citations

Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 1, 2019) Published in: Eur.Phys.J. C 80 (2020) 5, 370 + e-Print: 1907.06530 [hep-ex]

pdf PDF DOI eprint datasets 39 citations

Search for light pseudoscalar boson pairs produced from decay of the 125 GeV Higgs boson in final states with two muons and two nearby tracks in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 1, 2019) Published in: Phys.Lett.B 800 (2020) 13087 + e-Print: 1907.07235 [hep-ex]

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Search for Physics beyond the Standard Model in Events with Overlapping Photons and Jets

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 14, 2019) Published in: Phys.Rev.Lett. 123 (2019) 24, 241801 + e-Print: 1907.02375 [hep-ex]

pdf PDF DOI eprint datasets 1 citation

Study of the $B^+ \rightarrow J/\psi \Delta p$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 11, 2019) Published in: JHEP 12 (2019) 100 + e-Print: 1907.05481 [hep-ex]

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Search for MSSM Higgs bosons decaying to $\mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 6, 2019) Published in: Phys.Lett.B 798 (2019) 134902 + e-Print: 1907.03152 [hep-ex]

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Measurement of the top quark Yukawa coupling from $\vec{t}\vec{t}$ kinematic distributions in the lepton+jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 1, 2019) Published in: Phys.Rev.D 100 (2019) 7, 072007 + e-Print: 1907.01490 [hep-ex]

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Higgs and BSM Studies at the LHC

CMS Collaboration · Deconvolvent (Hep-RCF Budget and Deliverables, Nat. Res. Rep.) for the Collaboration. (Jul 2, 2019) Published in: Universe 9 (2019) 7, 160

pdf PDF DOI eprint datasets 0 citations

13021.247 PM Literature Search - INSPIRE

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Measurement of CKM matrix elements in single top t -channel production in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Apr 2, 2020) Published in: Phys.Lett.B 808 (2020) 135609 + e-Print: 2004.12181 [hep-ex]

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Identification of heavy, energetic, hadronically decaying particles using machine-learning techniques

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Apr 17, 2020) Published in: JINST 15 (2020) 06, P06065 + e-Print: 2004.08242 [hep-ex]

pdf PDF links DOI eprint datasets 65 citations

Search for disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Apr 10, 2020) Published in: Phys.Lett.B 806 (2020) 193502 + e-Print: 2004.05130 [hep-ex]

pdf PDF links DOI eprint datasets 43 citations

Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Apr 1, 2020) Published in: JHEP 07 (2020) 115 + e-Print: 2004.05032 [hep-ex]

pdf PDF DOI eprint datasets 15 citations

The production of isolated photons in PbPb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 20, 2020) Published in: JHEP 07 (2020) 116 + e-Print: 2003.12792 [hep-ex]

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Search for supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV with 137 fb^{-1} in final states with a single lepton using the sum of masses of large-radius jets

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 25, 2020) Published in: Phys.Rev.D 101 (2020) 5, 052010 + e-Print: 2001.07558 [hep-ex]

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Measurements of $t\bar{t}$ Production and the CP Structure of the Yukawa Interaction between the Higgs Boson and Top Quark in the Dilepton Decay Channel

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 10, 2020) Published in: Phys.Rev.Lett. 125 (2020) 6, 061801 + e-Print: 2003.10866 [hep-ex]

pdf PDF DOI eprint datasets 64 citations

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A search for the standard model Higgs boson decaying to charm quarks

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 2, 2019) Published in: JHEP 03 (2020) 131 + e-Print: 1912.01662 [hep-ex]

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Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 1, 2019) Published in: JHEP 05 (2020) 032 + e-Print: 1912.01594 [hep-ex]

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Measurement of the top quark pair production cross section in dilepton final states containing one τ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 20, 2019) Published in: JHEP 02 (2020) 191 + e-Print: 1911.12204 [hep-ex]

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Search for lepton flavour violating decays of a neutral heavy Higgs boson to $\mu\tau$ and $e\tau$ in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 22, 2019) Published in: JHEP 03 (2020) 103 + e-Print: 1911.10267 [hep-ex]

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Search for physics beyond the standard model in multipion final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 19, 2019) Published in: JHEP 03 (2020) 051 + e-Print: 1911.09468 [hep-ex]

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Search for high mass dijet resonances with a new background prediction method in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 10, 2019) Published in: JHEP 05 (2020) 033 + e-Print: 1911.02847 [hep-ex]

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Search for new neutral Higgs bosons through the $H \rightarrow Z \rightarrow \ell^+ \ell^- b\bar{b}$ process in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 9, 2019) Published in: JINST 14 (2020) 05, 050027 + e-Print: 1911.01378 [hep-ex]

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Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 19, 2019) Published in: JHEP 03 (2020) 025 + e-Print: 1908.07193 [hep-ex]

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Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidity in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 19, 2019) Published in: Eur.Phys.J. C 79 (2019) 11, 1183 + e-Print: 1908.07192 [hep-ex]

pdf PDF DOI eprint datasets 9 citations

Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 2, 2019) Published in: JHEP 04 (2020) 171 + e-Print: 1908.01155 [hep-ex]

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Search for direct production of supersymmetric partners to the τ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 30, 2019) Published in: Eur.Phys.J. C 80 (2020) 3, 189 + e-Print: 1907.13179 [hep-ex]

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Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 23, 2019) Published in: JHEP 03 (2020) 056 + e-Print: 1907.11270 [hep-ex]

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Measurements of triple-differential cross sections for inclusive isolated-photon-jet events in pp collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 18, 2019) Published in: Eur.Phys.J. C 79 (2019) 11, 1183 + e-Print: 1907.08152 [hep-ex]

pdf PDF DOI eprint datasets 5 citations

Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 18, 2019) Published in: JHEP 12 (2019) 062 + e-Print: 1907.08546 [hep-ex]

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Combined search for supersymmetry with photons in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jul 1, 2019) Published in: Phys.Lett.B 801 (2020) 193183 + e-Print: 1907.00857 [hep-ex]

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Search for pair production of vectorlike quarks in the fully hadronic final state

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 27, 2019) Published in: Phys.Rev.D 100 (2019) 7, 072001 + e-Print: 1906.11903 [hep-ex]

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Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 14, 2019) Published in: Phys.Lett.B 793 (2019) 134841 + e-Print: 1906.06941 [hep-ex]

pdf PDF DOI eprint datasets 36 citations

A multi-dimensional search for new heavy resonances decaying to boosted WW, WZ, or ZZ boson pairs in the dijet final state at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 13, 2019) Published in: Eur.Phys.J. C 80 (2020) 3, 237 + e-Print: 1906.05977 [hep-ex]

pdf PDF DOI eprint datasets 36 citations

Production of Λ_c^+ baryons in proton-proton and lead-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 11, 2019) Published in: Phys.Lett.B 803 (2020) 193238 + e-Print: 1906.03232 [hep-ex]

pdf PDF DOI eprint datasets 28 citations

Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jun 1, 2019) Published in: JHEP 11 (2019) 082 + e-Print: 1906.02055 [hep-ex]

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Combination of CMS searches for heavy resonances decaying to pairs of bosons or leptons

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (May 31, 2019) Published in: Phys.Lett.B 798 (2019) 134902 + e-Print: 1906.00557 [hep-ex]

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Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (May 30, 2019) Published in: JHEP 08 (2019) 150 + e-Print: 1905.10359 [hep-ex]

pdf PDF DOI eprint datasets 28 citations

Search for vector-like leptons in multipion final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (May 26, 2019) Published in: Phys.Rev.D 100 (2019) 5, 052003 + e-Print: 1905.10683 [hep-ex]

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Search for Low-Mass Quark-Antiquark Resonances Produced in Association with a Photon at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (May 24, 2019) Published in: Phys.Rev.Lett. 123 (2019) 23, 231803 + e-Print: 1905.10331 [hep-ex]

pdf PDF DOI eprint datasets 25 citations

Search for Higgs and Z boson decays to J/ψ or Υ pairs in the four-muon final state in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (May 24, 2019) Published in: Phys.Lett.B 797 (2019) 134811 + e-Print: 1905.10028 [hep-ex]

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Correlations of azimuthal anisotropy Fourier harmonics with subevent cumulants in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (May 23, 2019) Published in: Phys.Rev.C 102 (2020) 1, 014902 + e-Print: 1905.09093 [hep-ex]

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Search for a light charged Higgs boson decaying to a W boson and a CP-odd Higgs boson in final states with $\tau\mu$ or $\mu\mu$ in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (May 23, 2019) Published in: Phys.Rev.Lett. 123 (2019) 13, 131802 + e-Print: 1905.07453 [hep-ex]

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Search for anomalous electroweak production of vector boson pairs in association with two jets in proton-proton collisions at 13 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (May 17, 2019) Published in: Phys.Lett.B 798 (2019) 134905 + e-Print: 1905.07445 [hep-ex]

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Search for low-mass $\pi^+\pi^-$ resonance association with a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 25, 2019)

Published in: JHEP 05 (2019) 210 + Print: 1903.10229 [hep-ex]

PDF DOI Cite CiteXiv Datasets 19 citations

Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 17, 2019)

Published in: JHEP 04 (2019) 143 + Print: 1903.07070 [hep-ex]

PDF DOI Cite CiteXiv Datasets 20 citations

Constraints on anomalous HVV couplings from the production of Higgs bosons decaying to τ leptons $\tau\tau$

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 16, 2019)

Published in: Phys.Rev.Lett. 122 (2019) 11, 112002 + Print: 1903.06973 [hep-ex]

PDF DOI Cite CiteXiv Datasets 45 citations

Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s} = 13$ TeV using the CMS detector

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 14, 2019)

Published in: JINST 14 (2019) 07, 070204 + Print: 1903.06078 [hep-ex]

PDF DOI Cite CiteXiv Datasets 197 citations

Search for charged Higgs bosons in the $H^+ \rightarrow \tau^+ \nu_\tau$ decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 11, 2019)

Published in: JHEP 07 (2019) 142 + Print: 1903.04560 [hep-ex]

PDF DOI Cite CiteXiv Datasets 70 citations

Measurement of electroweak production of a W boson in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 10, 2019)

Published in: Phys.Rev.Lett. 122 (2019) 8, 082001 + Print: 1903.04040 [hep-ex]

PDF DOI Cite CiteXiv Datasets 22 citations

An embedding technique to determine $\tau\tau$ backgrounds in proton-proton collision data

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 4, 2019)

https://arxiv.org/abs/1903.02682v2 [hep-ex]

19202L 24/09/2019 Literature Search INSPIRE

Published in: Eur.Phys.J.C 79 (2019) 4, 364 + Print: 1812.09768 [hep-ex]

PDF DOI Cite CiteXiv Datasets 40 citations

Measurement and interpretation of differential cross sections for Higgs boson production at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 16, 2018)

Published in: Phys.Lett.B 792 (2019) 369-396 + Print: 1812.06504 [hep-ex]

PDF DOI Cite CiteXiv Datasets 75 citations

Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton+jets final state in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 16, 2018)

Published in: Eur.Phys.J.C 79 (2019) 3, 328 + Print: 1812.06409 [hep-ex]

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Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two muons and two b quarks in pp collisions at 13 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 12, 2018)

Published in: Phys.Lett.B 795 (2019) 398-423 + Print: 1812.06359 [hep-ex]

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Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 23, 2018)

Published in: Eur.Phys.J.C 79 (2019) 4, 355 + Print: 1811.09760 [hep-ex]

PDF DOI Cite CiteXiv Datasets 4 citations

Combination of searches for Higgs boson pair production in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 23, 2018)

Published in: Phys.Rev.Lett. 122 (2019) 12, 121803 + Print: 1811.09689 [hep-ex]

PDF DOI Cite CiteXiv Datasets 138 citations

Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the dipton final state in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 20, 2018)

Published in: Phys.Lett.B 793 (2019) 320-347 + Print: 1811.08459 [hep-ex]

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Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 19, 2018)

Published in: Phys.Rev.D 99 (2019) 3, 032011 + Print: 1811.07991 [hep-ex]

PDF DOI Cite CiteXiv Datasets 51 citations

Search for a W boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 16, 2018)

Published in: JHEP 02 (2019) 127 + Print: 1811.07010 [hep-ex]

PDF DOI Cite CiteXiv Datasets 9 citations

Measurements of $\bar{t}t$ differential cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV using events containing two leptons

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 15, 2018)

Published in: JHEP 02 (2019) 149 + Print: 1811.06655 [hep-ex]

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Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 15, 2018)

Published in: Eur.Phys.J.C 79 (2019) 3, 280 + Print: 1811.06562 [hep-ex]

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[X, \bar{X}]($5\bar{6}30$) (L) and $B_{(s)}$ ($5\bar{6}30$) mesons including the observation of the $B_{(s)}(5\bar{6}30) \rightarrow D^0 \bar{K}^0$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Sep 10, 2018)

Published in: Phys.Rev.Lett. 121 (2018) 24, 241802 + Print: 1809.05559 [hep-ex]

PDF DOI Cite CiteXiv Datasets 53 citations

Search for leptoquarks coupled to third-generation quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Sep 14, 2018)

Published in: Phys.Rev.Lett. 121 (2018) 24, 241802 + Print: 1809.05559 [hep-ex]

PDF DOI Cite CiteXiv Datasets 53 citations

Studies of $B_{(s)}(5\bar{6}30)$ and $B_{(s)}(5\bar{6}30)$ mesons including the observation of the $B_{(s)}(5\bar{6}30) \rightarrow D^0 \bar{K}^0$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Sep 10, 2018)

Published in: Phys.Rev.Lett. 121 (2018) 11, 1139 + Print: 1809.03578 [hep-ex]

PDF DOI Cite CiteXiv Datasets 16 citations

Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $\sqrt{s} = 13$ TeV via Higgs boson decay to τ leptons

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Sep 10, 2018)

Published in: JHEP 06 (2019) 093 + Print: 1809.03990 [hep-ex]

PDF DOI Cite CiteXiv Datasets 25 citations

Performance of reconstruction and identification of τ leptons decaying to hadrons and ν_τ in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Sep 6, 2018)

Published in: JINST 13 (2018) 10, P10005 + Print: 1809.02816 [hep-ex]

PDF DOI Cite CiteXiv Datasets 137 citations

Search for physics beyond the standard model in high-mass dipton events from proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · A.M.Sitskyan et al. (Sep 2, 2018)

Published in: Phys.Rev.D 98 (2018) 9, 092001 + Print: 1809.00327 [hep-ex]

PDF DOI Cite CiteXiv Datasets 47 citations

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Published in: JINST 14 (2019) 06, 060602 + Print: 1903.01216 [hep-ex]

PDF DOI Cite CiteXiv Datasets 26 citations

Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Mar 20, 2019)

Published in: Eur.Phys.J.C 79 (2019) 7, 564 + Print: 1903.09041 [hep-ex]

PDF DOI Cite CiteXiv Datasets 44 citations

Combinations of single-top-quark production cross-section measurements and $R_{t, \mu\mu}$ determinations at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS experiments

ATLAS and CMS Collaborations · Morad Abouad (Douglas U.) et al. (Feb 19, 2019)

Published in: JHEP 05 (2019) 088 + Print: 1902.07158 [hep-ex]

PDF DOI Cite CiteXiv Datasets 41 citations

Angular separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Feb 12, 2019)

Published in: Eur.Phys.J.C 79 (2019) 9, 773 + Print: 1902.04374 [hep-ex]

PDF DOI Cite CiteXiv Datasets 5 citations

Pseudorapidity distributions of charged hadrons in xenon-xenon collisions at $\sqrt{s_{NN}} = 5.44$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Feb 10, 2019)

Published in: Phys.Lett.B 790 (2019) 135049 + Print: 1902.03603 [hep-ex]

PDF DOI Cite CiteXiv Datasets 15 citations

Measurement of exclusive $\rho(770)^0$ photoproduction in ultraperipheral pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Feb 4, 2019)

Published in: Eur.Phys.J.C 79 (2019) 8, 702 + Print: 1902.01339 [hep-ex]

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Observation of Two Excited B_c^- States and Measurement of the B_c^- ($2S$) Mass in pp Collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Feb 4, 2019)

Published in: Phys.Rev.Lett. 122 (2019) 13, 132001 + Print: 1902.00571 [hep-ex]

PDF DOI Cite CiteXiv Datasets 72 citations

Search for W boson decays to three charged pions

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jan 30, 2019)

https://arxiv.org/abs/1903.02682v2 [hep-ex]

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Inclusive search for supersymmetry in zero and one lepton final states

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 15, 2018)

Published in: JHEP 03 (2019) 051 + Print: 1812.05202 [hep-ex]

PDF DOI Cite CiteXiv Datasets 17 citations

Observation of Single Top Quark Production in Association with a Z Boson in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 14, 2018)

Published in: Phys.Rev.Lett. 122 (2019) 13, 132003 + Print: 1812.05050 [hep-ex]

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Search for supersymmetry in events with a photon, a lepton, and missing transverse

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Search for excited leptons in F^{\pm} final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 20, 2018)

Published in: JHEP 04 (2019) 015 + Print: 1811.02652 [hep-ex]

PDF DOI Cite CiteXiv Datasets 12 citations

Search for pair production of first-generation scalar leptoquarks at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 23, 2018)

Published in: Phys.Rev.D 99 (2019) 5, 052002 + Print: 1811.01977 [hep-ex]

PDF DOI Cite CiteXiv Datasets 46 citations

Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two τ leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 21, 2018)

Published in: JHEP 03 (2019) 170 + Print: 1811.06056 [hep-ex]

PDF DOI Cite CiteXiv Datasets 70 citations

Event shape variables measured using multijet final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 1, 2018)

Published in: JHEP 12 (2018) 117 + Print: 1811.00588 [hep-ex]

PDF DOI Cite CiteXiv Datasets 13 citations

Search for nonresonant Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 28, 2018)

Published in: JHEP 04 (2019) 112 + Print: 1811.01584 [hep-ex]

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Search for low-mass resonances decaying into bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 28, 2018)

Published in: Phys.Rev.D 99 (2019) 1, 012005 + Print: 1810.11822 [hep-ex]

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Studies of Beauty Suppression via Nonprompt D^0 Mesons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 4$ GeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 25, 2018)

Published in: Phys.Rev.Lett. 122 (2019) 9, 092001 + Print: 1811.11102 [hep-ex]

PDF DOI Cite CiteXiv Datasets 35 citations

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Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 16, 2018)

Published in: JHEP 10 (2018) 138 + Print: 1809.02001 [hep-ex]

PDF DOI Cite CiteXiv Datasets 28 citations

Observation of Higgs boson decay to bottom quarks

CMS Collaboration · A.M.Sitskyan et al. (Aug 24, 2018)

Published in: Phys.Rev.Lett. 121 (2018) 12, 121801 + Print: 1808.08242 [hep-ex]

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Measurement of jet substructure observables in $\bar{t}t$ events from proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · A.M.Sitskyan et al. (Aug 22, 2018)

Published in: Phys.Rev.D 98 (2018) 9, 092014 + Print: 1808.07340 [hep-ex]

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Search for charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 20, 2018)

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Search for pair production of second-generation leptoquarks at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 15, 2018)

Published in: Phys.Rev.D 99 (2019) 5, 052004 + Print: 1808.02682 [hep-ex]

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Search for an $L_{\mu\tau}$ - $L_{\nu\tau}$ gauge boson using $Z \rightarrow 4\mu$ events in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 10, 2018)

Published in: Phys.Lett.B 792 (2019) 345-368 + Print: 1808.02684 [hep-ex]

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Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 9, 2018)

Published in: Phys.Rev.D 98 (2018) 11, 112014 + Print: 1808.03134 [hep-ex]

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Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Aug 9, 2018)

Published in: Phys.Rev.D 98 (2018) 11, 112014 + Print: 1808.03134 [hep-ex]

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Published in: Phys.Rev.Lett. 122 (2019) 15, 151802 + Print: 1901.11201 [hep-ex]

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Charged-particle angular correlations in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jan 23, 2019)

Published in: Phys.Rev.C 100 (2019) 4, 044902 + Print: 1901.07997 [hep-ex]

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Search for supersymmetry in events with a photon, jets, b-jets, and missing transverse momentum in proton-proton collisions at 13 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jan 20, 2019)

Published in: Eur.Phys.J.C 79 (2019) 5, 444 + Print: 1901.06726 [hep-ex]

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Measurement of electroweak WZ boson production and search for new physics in $WZ + 2$ jets events in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jan 13, 2019)

Published in: Phys.Lett.B 795 (2019) 281-307 + Print: 1901.04560 [hep-ex]

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Measurements of the pp $\rightarrow WZ$ inclusive and differential production cross section and constraints on charged anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jan 12, 2019)

Published in: JHEP 04 (2019) 122 + Print: 1901.02428 [hep-ex]

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Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jan 9, 2019)

Published in: JHEP 03 (2019) 141 + Print: 1901.01553 [hep-ex]

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Search for the pair production of light top squarks in the e^+e^- final state in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Jan 9, 2019)

Published in: Phys.Rev.Lett. 122 (2019) 101 + Print: 1901.01288 [hep-ex]

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Measurements of the Higgs boson width and anomalous HVV couplings from on-shell and off-shell production in the four-lepton final state

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Search for contact interactions and large extra dimensions in the dilepton mass spectrum from proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 26, 2018)

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Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 23, 2018)

https://arxiv.org/abs/1903.02682v2 [hep-ex]

momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 10, 2018)

Published in: JHEP 01 (2019) 154 + Print: 1812.04066 [hep-ex]

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Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s} = 13$ TeV

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Measurement of inclusive very forward jet cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 4, 2018)

Published in: JHEP 05 (2019) 043 + Print: 1812.01691 [hep-ex]

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A search for pair production of new light bosons decaying into muons in proton-proton collisions at 13 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Dec 2, 2018)

Published in: Phys.Lett.B 796 (2019) 131-154 + Print: 1812.00380 [hep-ex]

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Search for dark matter in events with a leptoquark and missing transverse momentum in proton-proton collisions at 13 TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 25, 2018)

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Measurement of associated production of a Higgs boson and a charm quark in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 25, 2018)

Published in: Phys.Lett.B 795 (2019) 76-99 + Print: 1811.10003 [hep-ex]

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Search for associated production of a Higgs boson and a single top quark in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Nov 23, 2018)

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Search for new particles decaying to a jet and an emerging jet

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 23, 2018)

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Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 23, 2018)

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Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 23, 2018)

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Search for resonant $\bar{t}t$ production in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 13, 2018)

Published in: JHEP 04 (2019) 031 + Print: 1810.09505 [hep-ex]

PDF DOI Cite CiteXiv Datasets 59 citations

Centrality and pseudorapidity dependence of the transverse energy density in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 12, 2018)

Published in: Phys.Rev.C 100 (2019) 2, 024902 + Print: 1810.05748 [hep-ex]

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Evidence for light-by-light scattering and searches for axion-like particles in ultraperipheral PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 10, 2018)

Published in: Phys.Lett.B 790 (2019) 134005 + Print: 1810.04502 [hep-ex]

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Search for top quark partners with charge $5/3$ in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 10, 2018)

Published in: JHEP 03 (2019) 082 + Print: 1810.01188 [hep-ex]

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Measurement of \bar{b}_s meson production in pp and PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

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Search for new particles decaying to a jet and an emerging jet

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 23, 2018)

Published in: JHEP 02 (2019) 179 + Print: 1810.10569 [hep-ex]

PDF DOI Cite CiteXiv Datasets 37 citations

Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 23, 2018)

Published in: Phys.Rev.D 99 (2019) 1, 012010 + Print: 1810.10092 [hep-ex]

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Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 23, 2018)

Published in: Eur.Phys.J.C 79 (2019) 2, 94 + Print: 1810.10054 [hep-ex]

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Search for resonant $\bar{t}t$ production in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 13, 2018)

Published in: JHEP 04 (2019) 031 + Print: 1810.09505 [hep-ex]

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Centrality and pseudorapidity dependence of the transverse energy density in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV

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Published in: Phys.Rev.C 100 (2019) 2, 024902 + Print: 1810.05748 [hep-ex]

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Evidence for light-by-light scattering and searches for axion-like particles in ultraperipheral PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M Sitskyan (Yerevan Phys. Inst.) et al. (Oct 10, 2018)

Published in: Phys.Lett.B 790 (2019) 134005 + Print: 1810.04502 [hep-ex]

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Search for top quark partners with charge $5/3$ in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

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Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in pp and p - Pb Collisions at the LHC

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 21, 2017)
Published in Phys.Rev.Lett. 120 (2018) 8, 082001 · e-Print: 1709.0189 [hep-ex]

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Measurements of the $pp \rightarrow ZZ$ production cross section and the $Z \rightarrow 4l$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 23, 2017)
Published in Eur.Phys.J.C 79 (2018) 165, ErP.C.79 (2018) 6, 615 (narrative) · e-Print: 1709.0860 [hep-ex]

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Evidence for the Higgs boson decay to a bottom quark-antiquark pair

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 21, 2017)
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Observation of top quark production in proton-nucleon collisions

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Observation of electroweak production of same-sign W boson pairs in the two jet and two same-sign lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 21, 2017)
Published in Phys.Rev.Lett. 120 (2018) 8, 081801 · e-Print: 1709.0522 [hep-ex]

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Inclusive search for a highly boosted Higgs boson decaying to a bottom quark-antiquark pair

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 16, 2017)
Published in Phys.Rev.Lett. 120 (2018) 1, 013002 · e-Print: 1709.0544 [hep-ex]

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Combination of inclusive and differential \bar{t} charge asymmetry measurements using ATLAS and CMS data at $\sqrt{s} = 7$ and 8 TeV

ATLAS and CMS Collaborations · Morad Adabou (Oujda U.) et al. (Sep 15, 2017)
Published in JHEP 04 (2018) 033 · e-Print: 1709.0337 [hep-ex]

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Measurement of the differential cross sections for the associated production of a W boson and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 19, 2017)
Published in Phys.Rev.D 96 (2017) 7, 072005 · e-Print: 1707.0579 [hep-ex]

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Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 11, 2017)
Published in JHEP 09 (2018) 181 · e-Print: 1707.0225 [hep-ex]

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Search for direct production of supersymmetric partners of the top quark in the $ab\bar{t}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 11, 2017)
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Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 10, 2017)
Published in Phys.Lett.B 778 (2018) 101-127 · e-Print: 1707.0200 [hep-ex]

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Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 5, 2017)
Published in Eur.Phys.J.C 77 (2017) 6, 638 · e-Print: 1707.0190 [hep-ex]

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Constraints on anomalous Higgs boson couplings using production and decay information in the four-lepton final state

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 3, 2017)
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Search for Higgs boson pair production in the $bb\bar{t}$ final state in proton-proton collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jun 25, 2017)

137021.248 FM Literature Search INSPIRE 56 citations

Search for Supersymmetry in pp Collisions at $\sqrt{s} = 13$ TeV in the Single-Lepton Final State Using the Sum of Masses of Large-Radii Jets

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 12, 2017)
Published in Phys.Rev.Lett. 119 (2017) 16, 163802 · e-Print: 1705.0467 [hep-ex]

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Search for Charged Higgs Bosons Produced via Vector Boson Fusion and Decaying into a Pair of W and Z Bosons using pp Collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Apr 25, 2017)
Published in Phys.Rev.Lett. 119 (2017) 8, 143802 · e-Print: 1705.0242 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 80 citations

Measurement of the triple-differential $t\bar{t}$ cross section in proton-proton collisions at $\sqrt{s} = 8$ TeV and constraints on parton distribution functions

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Mar 7, 2017)
Published in Eur.Phys.J.C 77 (2017) 11, 746 · e-Print: 1705.0248 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 42 citations

Search for black holes in high-multiplicity final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 3, 2017)
Published in Phys.Lett.B 774 (2017) 279-307 · e-Print: 1705.0140 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 31 citations

Search for supersymmetry in multijet events with missing transverse momentum in proton-proton collisions at 13 TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Apr 25, 2017)
Published in Phys.Rev.D 96 (2017) 8, 030003 · e-Print: 1704.0778 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 172 citations

Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Apr 24, 2017)
Published in Eur.Phys.J.C 77 (2017) 6, 628 · e-Print: 1704.0703 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 96 citations

Measurement of the top quark mass in the dileptonic $t\bar{t}$ decay channel using the mass observables M_{bb} , M_{cc} , and M_{bb} in pp collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Apr 20, 2017)

137021.248 FM Literature Search INSPIRE 36 citations

Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 15, 2017)
Published in JHEP 03 (2018) 166 · e-Print: 1709.0240 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 142 citations

Search for Higgsino pair production in pp collisions at $\sqrt{s} = 13$ TeV in final states with large missing transverse momentum and two Higgs bosons decaying via $H \rightarrow b\bar{b}$

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 14, 2017)
Published in Phys.Rev.D 97 (2018) 3, 033007 · e-Print: 1709.0496 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 29 citations

Search for supersymmetry with Higgs boson to diphoton decays using the razor variables at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 14, 2017)
Published in Phys.Lett.B 779 (2018) 166-190 · e-Print: 1709.0284 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 27 citations

Measurement of the Splitting Function in pp and Pb - Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Sep 29, 2017)
Published in Phys.Rev.Lett. 120 (2018) 14, 142002 · e-Print: 1708.0420 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 40 citations

Probing the chiral magnetic wave in pPb and $PbPb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV using charge-dependent azimuthal anisotropies

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 29, 2017)
Published in Phys.Rev.D 100 (2019) 6, 064008 · e-Print: 1708.0801 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 29 citations

Search for heavy resonances decaying to a top quark and a bottom quark in the lepton+jets final state in proton-proton collisions at 13 TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 29, 2017)
Published in Phys.Rev.Lett. 120 (2018) 19, 19-43 · e-Print: 1708.0859 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 39 citations

Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 25, 2017)
Published in Phys.Rev.Lett. 119 (2017) 23, 231802 · e-Print: 1708.0760 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 26 citations

Measurement of the $q\bar{q}$ production cross section in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 29, 2017)
Published in Phys.Rev.D 96 (2017) 7, 072004 · e-Print: 1707.0050 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 52 citations

Measurement of charged pion, kaon, and proton production in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jun 30, 2017)
Published in Phys.Rev.D 96 (2017) 11, 112003 · e-Print: 1706.1014 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 56 citations

The Phase-2 Upgrade of the CMS Tracker

CMS Collaboration · K. Bönig (Aachen, Tech. Hochschule U.) et al. (Jun 30, 2017)

pdf pdf arXiv links DOI ePrint datasets 245 citations

Search for electroweak production of charginos and neutralinos in Wt events in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jun 15, 2017)
Published in JHEP 11 (2017) 029 · e-Print: 1706.0993 [hep-ex]

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Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jun 29, 2017)
Published in JHEP 11 (2017) 047 · e-Print: 1706.0936 [hep-ex]

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Search for a heavy composite Majorana neutrino in the final state with two leptons and one W boson at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jun 26, 2017)
Published in Phys.Lett.B 775 (2017) 315-337 · e-Print: 1706.0678 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 24 citations

Exclusive and semi-exclusive $p\bar{p}$ -production in proton-proton collisions at $\sqrt{s} = 7$ TeV

CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jun 26, 2017)
e-Print: 1706.0831 [hep-ex]

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Measurement of the semileptonic $\bar{t}t$ production cross section in pp collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jun 25, 2017)

137021.248 FM Literature Search INSPIRE 55 citations

Measurement of normalized differential \bar{t} cross sections in the dijeton channel from pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 25, 2017)
Published in JHEP 04 (2018) 036 · e-Print: 1708.0128 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 78 citations

Principal-component analysis of two-particle azimuthal correlations in $PbPb$ and pPb collisions at CMS

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 23, 2017)
Published in Phys.Rev.D 96 (2017) 6, 064002 · e-Print: 1708.0713 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 91 citations

Search for massive resonances decaying into HW , WZ , $q\bar{q}$, WZ , and $q\bar{q}$ with dijet final states at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 17, 2017)
Published in Phys.Rev.D 97 (2018) 1, 012006 · e-Print: 1708.0437 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 78 citations

Nuclear modification factor of D^0 mesons in $PbPb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 16, 2017)
Published in Phys.Lett.B 782 (2018) 474-496 · e-Print: 1708.0462 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 53 citations

Search for resonant and nonresonant Higgs boson pair production in the $bb\bar{t}t$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 14, 2017)
Published in JHEP 01 (2018) 054 · e-Print: 1708.0418 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 100 citations

Measurement of prompt L^{\pm} meson azimuthal anisotropy in Pb - Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 11, 2017)
Published in Phys.Rev.Lett. 120 (2018) 10, 102001 · e-Print: 1708.0349 [hep-ex]

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Measurement of vector boson scattering and constraints on anomalous quartic couplings from events with four leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 17, 2017)

137021.248 FM Literature Search INSPIRE 57 citations

Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jun 8, 2017)
Published in Eur.Phys.J.C 77 (2017) 12, 1245 · e-Print: 1706.0281 [hep-ex]

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Search for top quark partners with charge $5/3$ in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 31, 2017)
Published in JHEP 08 (2017) 073 · e-Print: 1705.1067 [hep-ex]

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Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 30, 2017)
Published in Phys.Rev.Lett. 119 (2017) 11, 111802 · e-Print: 1705.1032 [hep-ex]

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Measurements of tt cross sections in association with b jets and inclusive jets and their ratio using dijeton final states in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 29, 2017)
Published in Phys.Lett.B 778 (2018) 355-378 · e-Print: 1705.1014 [hep-ex]

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Combination of searches for heavy resonances decaying to WW , WZ , WH , and ZH boson pairs in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 25, 2017)
Published in Phys.Rev.D 97 (2017) 533-558 · e-Print: 1705.0711 [hep-ex]

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Search for new phenomena with the M_{T2} variable in the ab -hadronic final state produced in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 12, 2017)
Published in Eur.Phys.J.C 77 (2017) 10, 710 · e-Print: 1705.0450 [hep-ex]

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Measurement of the B^0 Meson Nuclear Modification Factor in Pb - Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 12, 2017)
Published in Phys.Rev.Lett. 119 (2017) 15, 152301 · e-Print: 1705.0172 [hep-ex]

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137021.248 FM Literature Search INSPIRE 32 citations

Search for \bar{t} resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Apr 11, 2017)
Published in JHEP 07 (2017) 001 · e-Print: 1704.0336 [hep-ex]

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Overlaps after quantum quenches in the six-fermion model

D.K. Havran (Budapest, Tech. U. and Res. Group Stat. Biol. Budapest), I. Takacs (Budapest, Tech. U. and Res. Group Stat. Biol. Budapest) (Apr 7, 2017)
Published in Phys.Rev.Lett. 119 (2017) 8, 143802 · e-Print: 1704.0204 [cond-mat.str-ct]

pdf pdf arXiv DOI ePrint datasets 32 citations

Measurements of the $pp \rightarrow W\gamma\gamma$ and $pp \rightarrow Z\gamma\gamma$ cross sections and limits on anomalous quartic gauge couplings at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Apr 2, 2017)
Published in JHEP 10 (2017) 072 · e-Print: 1704.0056 [hep-ex]

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Search for new physics with dijet angular distributions in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Mar 29, 2017)
Published in JHEP 07 (2017) 013 · e-Print: 1703.0998 [hep-ex]

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Measurement of the jet mass in highly boosted $\bar{t}t$ events from pp collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Mar 18, 2017)
Published in Eur.Phys.J.C 77 (2017) 7, 467 · e-Print: 1703.0630 [hep-ex]

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Search for a heavy resonance decaying to a top quark and a vector-like top quark at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Mar 18, 2017)
Published in JHEP 09 (2017) 053 · e-Print: 1703.0632 [hep-ex]

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Search for anomalous couplings in boosted $WW/WZ \rightarrow E\nu q$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Mar 15, 2017)

137021.248 FM Literature Search INSPIRE 27 citations

Search for single production of vector-like quarks decaying into a b quark and a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jan 28, 2017)
Published in Phys.Lett.B 772 (2017) 634-656 · e-Print: 1701.0828 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 53 citations

Search for single production of vector-like quarks decaying to a Z boson and a top or a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jan 25, 2017)
Published in JHEP 05 (2017) 029 · e-Print: 1701.0749 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 40 citations

Search for new phenomena with multiple charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jan 24, 2017)
Published in Eur.Phys.J.C 77 (2017) 6, 625 · e-Print: 1701.0640 [hep-ex]

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Measurement of the $t\bar{t}$ production cross section using events with one lepton and at least one jet in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jan 22, 2017)
Published in JHEP 09 (2017) 051 · e-Print: 1701.0428 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 91 citations

Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Y. Khachatryan et al. (Jan 8, 2017)
Published in Phys.Lett.B 770 (2017) 674-694 · e-Print: 1701.0202 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 96 citations

Mechanical stability of the CMS strip tracker measured with a laser alignment system

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jan 6, 2017)
Published in JINST 12 (2017) 04, P04023 · e-Print: 1701.0002 [physics.ins-det]

pdf pdf arXiv DOI ePrint datasets 5 citations

Search for supersymmetry in the all-hadronic final state using top quark tagging in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jan 6, 2017)
Published in Phys.Rev.D 96 (2017) 1, 012004 · e-Print: 1701.0154 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 25 citations

137021.248 FM Literature Search INSPIRE 82 citations

Search for vectorlike light-flavor quark partners in proton-proton collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 3, 2017)
Published in Phys.Rev.D 97 (2018) 072008 · e-Print: 1708.0251 [hep-ex]

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Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in pPb and $PbPb$ collisions at the CERN Large Hadron Collider

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 3, 2017)
Published in Phys.Rev.C 97 (2018) 4, 044912 · e-Print: 1708.0162 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 84 citations

Search for single production of a vector-like T quark decaying to a Z boson and a top quark in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 3, 2017)
Published in Phys.Lett.B 781 (2018) 574-600 · e-Print: 1708.0162 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 73 citations

Observation of the Higgs boson decay to a pair of τ leptons with the CMS detector

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Aug 3, 2017)
Published in Phys.Lett.B 778 (2018) 283-316 · e-Print: 1708.0137 [hep-ex]

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Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 28, 2017)
Published in JHEP 11 (2017) 010 · e-Print: 1707.0788 [hep-ex]

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Search for the pair production of third-generation squarks with two-body decays to a bottom or charm quark and a neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 23, 2017)
Published in Phys.Lett.B 778 (2018) 263-291 · e-Print: 1707.0724 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 57 citations

Search for supersymmetry in events with at least one proton, missing transverse momentum, and large transverse event activity in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jul 19, 2017)

137021.248 FM Literature Search INSPIRE 57 citations

Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Jun 8, 2017)
Published in Eur.Phys.J.C 77 (2017) 12, 1245 · e-Print: 1706.0281 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 57 citations

Search for top quark partners with charge $5/3$ in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 31, 2017)
Published in JHEP 08 (2017) 073 · e-Print: 1705.1067 [hep-ex]

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Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 30, 2017)
Published in Phys.Rev.Lett. 119 (2017) 11, 111802 · e-Print: 1705.1032 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 47 citations

Measurements of tt cross sections in association with b jets and inclusive jets and their ratio using dijeton final states in pp collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 29, 2017)
Published in Phys.Lett.B 778 (2018) 355-378 · e-Print: 1705.1014 [hep-ex]

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Combination of searches for heavy resonances decaying to WW , WZ , WH , and ZH boson pairs in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 25, 2017)
Published in Phys.Rev.D 97 (2017) 533-558 · e-Print: 1705.0711 [hep-ex]

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Search for new phenomena with the M_{T2} variable in the ab -hadronic final state produced in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 12, 2017)
Published in Eur.Phys.J.C 77 (2017) 10, 710 · e-Print: 1705.0450 [hep-ex]

pdf pdf arXiv DOI ePrint datasets 150 citations

Measurement of the B^0 Meson Nuclear Modification Factor in Pb - Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (May 12, 2017)
Published in Phys.Rev.Lett. 119 (2017) 15, 152301 · e-Print: 1705.0172 [hep-ex]

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137021.248 FM Literature Search INSPIRE 32 citations

Search for \bar{t} resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV

CMS Collaboration · Albert M. Sitskyan (Yerevan Phys. Inst.) et al. (Apr 11, 2017)
Published in JHEP 07 (2017) 001 · e-Print: 1704.0336 [hep-ex]

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Overlaps after quantum quenches in the six-fermion model

D.K. Havran (Budapest, Tech. U. and Res. Group Stat. Biol. Budapest), I. Takacs (Budapest, Tech. U. and Res. Group Stat. Biol. Budapest) (Apr 7, 2017)
Published in Phys.Rev.Lett. 119 (2017)

LHCb Search - HIGPCE
Published in Phys Lett B 772 (2016) 309–329 + Preprint: 1612.08972 [hep-ex]
DOI | PDF | Links | Citations: 26 citations

Search for electroweak production of a vector-like quark decaying to a top quark and a Higgs boson using boosted topologies in fully hadronic final states
CMS Collaboration · Albert M Sirunyan (Yerevan Phys. Inst.) et al. (Dec 12, 2016)
Published in JHEP 04 (2017) 136 + Preprint: 1612.03336 [hep-ex]
DOI | PDF | Links | Citations: 40 citations

Searches for pair production of third-generation squarks in $\sqrt{s} = 13$ TeV pp collisions
CMS Collaboration · Albert M Sirunyan (Yerevan Phys. Inst.) et al. (Dec 12, 2016)
Published in Eur Phys J C 77 (2017) 5, 327 + Preprint: 1612.03877 [hep-ex]
DOI | PDF | Links | Citations: 40 citations

Search for heavy neutrinos or three-generation leptons in final states with two hadronically decaying τ leptons and two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Dec 4, 2016)
Published in JHEP 02 (2017) 027 + Preprint: 1610.1160 [hep-ex]
DOI | PDF | Links | Citations: 59 citations

Search for single production of a heavy vector-like T quark decaying to a Higgs boson and a top quark with a lepton and jets in the final state
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Dec 2, 2016)
Published in Phys Lett B 771 (2017) 80–105 + Preprint: 1612.00999 [hep-ex]
DOI | PDF | Links | Citations: 42 citations

Search for CP violation in $t\bar{t}$ production and decay in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Nov 27, 2016)
Published in JHEP 03 (2017) 101 + Preprint: 1611.08931 [hep-ex]
DOI | PDF | Links | Citations: 13 citations

Search for supersymmetry in events with photons and missing transverse energy in pp collisions at 13 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Nov 20, 2016)
Published in Phys Lett B 769 (2017) 391–412 + Preprint: 1611.06464 [hep-ex]
DOI | PDF | Links | Citations: 13 citations

Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Nov 20, 2016)
Published in Phys Lett B 769 (2017) 391–412 + Preprint: 1611.06464 [hep-ex]
DOI | PDF | Links | Citations: 13 citations

LHCb Search - HIGPCE
Published in Phys Lett B 772 (2016) 309–329 + Preprint: 1612.08972 [hep-ex]
DOI | PDF | Links | Citations: 26 citations

collisions at $\sqrt{s} = 8$ and 13 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 10, 2016)
Published in JHEP 01 (2017) 076 + Preprint: 1610.02360 [hep-ex]
DOI | PDF | Links | Citations: 22 citations

Cross section measurement of f -channel single top quark production in pp collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Albert M Sirunyan (Yerevan Phys. Inst.) et al. (Oct 1, 2016)
Published in Phys Lett B 772 (2017) 732–778 + Preprint: 1610.06678 [hep-ex]
DOI | PDF | Links | Citations: 12 citations

Suppression and azimuthal anisotropy of prompt and nonprompt J/ψ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 3, 2016)
Published in Eur Phys J C 77 (2017) 4, 552 + Preprint: 1610.00613 [hep-ex]
DOI | PDF | Links | Citations: 48 citations

Observation of charge-dependent azimuthal correlations in p -Pb collisions and its implication for the search for the chiral magnetic effect
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 1, 2016)
Published in Phys Rev Lett. 118 (2017) 12, 122301 + Preprint: 1610.00283 [hep-ex]
DOI | PDF | Links | Citations: 132 citations

Search for supersymmetry in events with one lepton and multiple jets in proton-proton collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 29, 2016)
Published in Phys Rev D 95 (2017) 1, 012001 + Preprint: 1609.09386 [hep-ex]
DOI | PDF | Links | Citations: 21 citations

Search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 27, 2016)
Published in Phys Rev D 94 (2016) 11, 112004 + Preprint: 1609.08302 [hep-ex]
DOI | PDF | Links | Citations: 143 citations

Inclusive search for supersymmetry using razor variables in pp collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 24, 2016)
Published in Phys Rev D 95 (2017) 1, 012003 + Preprint: 1609.07638 [hep-ex]
DOI | PDF | Links | Citations: 48 citations

Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 7$ and 8 TeV and search for anomalous triple gauge couplings at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 23, 2016)
Published in Phys Lett B 772 (2017) 732–778 + Preprint: 1610.06678 [hep-ex]
DOI | PDF | Links | Citations: 12 citations

LHCb Search - HIGPCE
Published in Phys Rev D 94 (2016) 11, 112000 + Preprint: 1606.08676 [hep-ex]
DOI | PDF | Links | Citations: 27 citations

Evidence for collectivity in pp collisions at the LHC
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jan 20, 2016)
Published in Phys Lett B 765 (2017) 193–220 + Preprint: 1606.06198 [hep-ex]
DOI | PDF | Links | Citations: 323 citations

Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jan 19, 2016)
Published in JHEP 02 (2017) 096 + Preprint: 1606.02864 [hep-ex]
DOI | PDF | Links | Citations: 80 citations

Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $\sqrt{s} = 8$ and 13 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jan 13, 2016)
Published in Phys Rev Lett. 117 (2016) 6, 061802 + Preprint: 1606.04070 [hep-ex]
DOI | PDF | Links | Citations: 175 citations

Phenomenological MSSM interpretation of CMS searches in pp collisions at $\sqrt{s} = 7$ and 8 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jan 11, 2016)
Published in JHEP 10 (2016) 129 + Preprint: 1606.05377 [hep-ex]
DOI | PDF | Links | Citations: 51 citations

Measurements of the Higgs boson production and decay rates and constraints on its couplings from a combined ATLAS and CMS analysis of the LHC pp collision data at $\sqrt{s} = 7$ and 8 TeV
ATLAS and CMS Collaborations · Georges Aad (Maskelec, CPPM) et al. (Jun 7, 2016)
Published in JHEP 08 (2016) 045 + Preprint: 1606.02266 [hep-ex]
DOI | PDF | Links | Citations: 1,563 citations

Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $\sqrt{s} = 8$ TeV using $J/\psi \rightarrow HVV$ decays
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jun 5, 2016)
Published in JHEP 03 (2017) 020 + Preprint: 1605.01522 [hep-ex]
DOI | PDF | Links | Citations: 58 citations

Particle physics education in Hungary
DOI | PDF | Links | Citations: 0 citations

LHCb Search - HIGPCE
Published in JHEP 10 (2016) 006 + Preprint: 1603.04053 [hep-ex]
DOI | PDF | Links | Citations: 87 citations

Search for neutral resonances decaying into a Z boson and a pair of b jets or τ leptons
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Mar 9, 2016)
Published in Phys Lett B 759 (2016) 369–394 + Preprint: 1603.02991 [hep-ex]
DOI | PDF | Links | Citations: 85 citations

$T(\bar{3})$ polarizations versus particle multiplicity in pp collisions at $\sqrt{s} = 7$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Mar 9, 2016)
Published in Phys Lett B 761 (2016) 31–52 + Preprint: 1603.02913 [hep-ex]
DOI | PDF | Links | Citations: 12 citations

Search for a channel single top quark production in pp collisions at $\sqrt{s} = 7$ and 8 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Mar 8, 2016)
Published in JHEP 09 (2016) 027 + Preprint: 1603.02555 [hep-ex]
DOI | PDF | Links | Citations: 70 citations

Measurement of the t -bar production cross section in the m -channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Mar 7, 2016)
Published in Eur Phys J C 76 (2016) 029 + Preprint: 1603.02360 [hep-ex]
DOI | PDF | Links | Citations: 175 citations

Search for heavy Majorana neutrinos in e^+e^+ jets and $e^+e^+ \mu^+$ jets in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Mar 7, 2016)
Published in JHEP 04 (2016) 169 + Preprint: 1603.02348 [hep-ex]
DOI | PDF | Links | Citations: 78 citations

Measurement of the differential cross section and charge asymmetry for inclusive $p\bar{p} \rightarrow W^+ + X$ production at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Mar 6, 2016)
Published in Eur Phys J C 76 (2016) 8, 469 + Preprint: 1603.01803 [hep-ex]
DOI | PDF | Links | Citations: 110 citations

Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Mar 2, 2016)
Published in Eur Phys J C 76 (2016) 8, 460 + Preprint: 1603.00765 [hep-ex]
DOI | PDF | Links | Citations: 78 citations

LHCb Search - HIGPCE
Published in JHEP 02 (2017) 048 + Preprint: 1611.06594 [hep-ex]
DOI | PDF | Links | Citations: 62 citations

Measurements of the associated production of a Z boson and b jets in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · X. Khachatryan et al. (Nov 20, 2016)
Published in Eur Phys J C 77 (2017) 1, 751 + Preprint: 1611.04507 [hep-ex]
DOI | PDF | Links | Citations: 40 citations

Measurement of the $t\bar{t}$ production cross section using events in the $e\mu$ final state in pp collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Nov 12, 2016)
Published in Eur Phys J C 77 (2017) 1, 75 + Preprint: 1611.04040 [hep-ex]
DOI | PDF | Links | Citations: 40 citations

Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Nov 11, 2016)
Published in JHEP 04 (2017) 022 + Preprint: 1611.04844 [hep-ex]
DOI | PDF | Links | Citations: 41 citations

Search for dijet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV and constraints on matter and other models
CMS Collaboration · Albert M Sirunyan (Yerevan Phys. Inst.) et al. (Nov 10, 2016)
Published in Phys Lett B 769 (2017) 520–542, Phys Lett B 772 (2017) 882–883 (erratum) + Preprint: 1611.03366 [hep-ex]
DOI | PDF | Links | Citations: 182 citations

Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Nov 5, 2016)
Published in JHEP 04 (2017) 039 + Preprint: 1611.01664 [hep-ex]
DOI | PDF | Links | Citations: 220 citations

Relative Modification of Prompt $\psi(2S)$ and J/ψ Yields from pp to PbPb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV
CMS Collaboration · Albert M Sirunyan (Yerevan Phys. Inst.) et al. (Nov 4, 2016)
Published in Eur Phys J C 77 (2017) 1, 62001 + Preprint: 1611.01438 [hep-ex]
DOI | PDF | Links | Citations: 52 citations

Buffer-gas cooling of antiprotonic helium to 1.5 to 1.7 K, and antiproton-to-electron mass
DOI | PDF | Links | Citations: 0 citations

LHCb Search - HIGPCE
Published in Phys Lett B 772 (2016) 309–329 + Preprint: 1612.08972 [hep-ex]
DOI | PDF | Links | Citations: 26 citations

Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at $\sqrt{s} = 8$ TeV and cross section ratios to 2.76 and 7 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 17, 2016)
Published in JHEP 03 (2017) 156 + Preprint: 1609.02531 [hep-ex]
DOI | PDF | Links | Citations: 140 citations

Search for narrow resonances in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 13$ TeV and combination with 3 TeV data
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 17, 2016)
Published in Phys Lett B 768 (2017) 57–80 + Preprint: 1609.05391 [hep-ex]
DOI | PDF | Links | Citations: 124 citations

Measurement of inclusive jet cross sections in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 17, 2016)
Published in Phys Rev D 96 (2017) 1, 015202 + Preprint: 1609.05383 [hep-ex]
DOI | PDF | Links | Citations: 48 citations

Studies of inclusive four-jet production with two b -tagged jets in proton-proton collisions at 7 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 12, 2016)
Published in Phys Rev D 94 (2016) 11, 112005 + Preprint: 1609.03489 [hep-ex]
DOI | PDF | Links | Citations: 18 citations

Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 8, 2016)
Published in JHEP 11 (2016) 055 + Preprint: 1609.02466 [hep-ex]
DOI | PDF | Links | Citations: 57 citations

Search for high-mass diphoton resonances in proton-proton collisions at 13 TeV and combination with 3 TeV search
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 8, 2016)
Published in Phys Lett B 767 (2017) 413–470 + Preprint: 1609.02507 [hep-ex]
DOI | PDF | Links | Citations: 120 citations

The CMS trigger system
DOI | PDF | Links | Citations: 0 citations

LHCb Search - HIGPCE
Published in Phys Rev D 94 (2016) 11, 112000 + Preprint: 1606.08676 [hep-ex]
DOI | PDF | Links | Citations: 27 citations

Search for Dark Matter and Supersymmetry with a Compressed Mass Spectrum in the Vector Boson Fusion Topology in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (May 30, 2016)
Published in Phys Rev Lett. 118 (2017) 5, 051802 + Preprint: 1605.09005 [hep-ex]
DOI | PDF | Links | Citations: 27 citations

Search for top squark pair production in compressed-mass-spectrum scenarios in proton-proton collisions at $\sqrt{s} = 8$ TeV using the $c\tau_2$ variable
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (May 29, 2016)
Published in Phys Lett B 767 (2017) 403–430 + Preprint: 1605.08990 [hep-ex]
DOI | PDF | Links | Citations: 44 citations

Measurement of the W boson helicity fractions in the decays of top quark pairs to lepton + jets final states produced in pp collisions at $\sqrt{s} = 8$ TeV with the CMS experiment
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (May 23, 2016)
Published in Phys Lett B 772 (2017) 499–511 + Preprint: 1605.06666 [hep-ex]
DOI | PDF | Links | Citations: 116 citations

Multiplicity and rapidity dependence of strange hadron production in pp, pPb, and PbPb collisions at the LHC
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (May 21, 2016)
Published in Phys Lett B 768 (2017) 103–129 + Preprint: 1605.06699 [hep-ex]
DOI | PDF | Links | Citations: 56 citations

Search for supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV in the single-lepton final state using the sum of masses of large-radius jets
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (May 16, 2016)
Published in JHEP 08 (2016) 122 + Preprint: 1605.04608 [hep-ex]
DOI | PDF | Links | Citations: 56 citations

LHCb Search - HIGPCE
Published in Eur Phys J C 76 (2016) 8, 469 + Preprint: 1603.01803 [hep-ex]
DOI | PDF | Links | Citations: 110 citations

Measurements of the $t\bar{t}$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 26, 2016)
Published in Eur Phys J C 77 (2017) 1, 15 + Preprint: 1602.09024 [hep-ex]
DOI | PDF | Links | Citations: 54 citations

Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 26, 2016)
Published in Eur Phys J C 76 (2016) 7, 371 + Preprint: 1602.08762 [hep-ex]
DOI | PDF | Links | Citations: 51 citations

Search for supersymmetry in electroweak production with photons and large missing transverse energy in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 26, 2016)
Published in Phys Lett B 759 (2016) 479–500 + Preprint: 1602.08772 [hep-ex]
DOI | PDF | Links | Citations: 50 citations

Measurement of the $Z\gamma \rightarrow \nu\bar{\nu}\gamma$ production cross section in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous $ZZ\gamma$ and $Z\gamma\gamma$ trilinear gauge boson couplings
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 23, 2016)
Published in Phys Lett B 760 (2016) 448–468 + Preprint: 1602.07162 [hep-ex]
DOI | PDF | Links | Citations: 28 citations

Search for supersymmetry in the multilepton and missing transverse momentum final state in pp collisions at 13 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 21, 2016)
Published in Phys Lett B 758 (2016) 152–180 + Preprint: 1602.06481 [hep-ex]
DOI | PDF | Links | Citations: 58 citations

Search for R -parity violating decays of a top squark in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 13, 2016)
Published in Phys Lett B 760 (2016) 178–201 + Preprint: 1602.04334 [hep-ex]
DOI | PDF | Links | Citations: 61 citations

Combined search for anomalous pseudoscalar Higgs couplings in $VH \rightarrow \bar{t}t$ production and $H \rightarrow W\gamma$ decay
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 13, 2016)
Published in Phys Lett B 759 (2016) 672–696 + Preprint: 1602.04305 [hep-ex]
DOI | PDF | Links | Citations: 53 citations

LHCb Search - HIGPCE
Published in Phys Lett B 772 (2016) 309–329 + Preprint: 1612.08972 [hep-ex]
DOI | PDF | Links | Citations: 26 citations

Search for R -parity violating supersymmetry with displaced vertices in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 17, 2016)
Published in Phys Rev D 95 (2017) 9, 092001 + Preprint: 1610.03133 [hep-ex]
DOI | PDF | Links | Citations: 23 citations

Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 16, 2016)
Published in JHEP 02 (2017) 079 + Preprint: 1610.04897 [hep-ex]
DOI | PDF | Links | Citations: 57 citations

Search for electroweak production of charginos in final states with two τ leptons in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 16, 2016)
Published in JHEP 04 (2017) 018 + Preprint: 1610.04870 [hep-ex]
DOI | PDF | Links | Citations: 24 citations

Measurements of differential cross sections for associated production of a W boson and jets in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 13, 2016)
Published in Phys Rev D 95 (2017) 052002 + Preprint: 1610.04232 [hep-ex]
DOI | PDF | Links | Citations: 33 citations

Measurement of differential cross sections for top quark pair production using the lepton+jets final state in proton-proton collisions at 13 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 13, 2016)
Published in Phys Rev D 95 (2017) 9, 092001 + Preprint: 1610.03133 [hep-ex]
DOI | PDF | Links | Citations: 300 citations

Search for anomalous Wb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at $\sqrt{s} = 7$ and 8 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 11, 2016)
Published in JHEP 02 (2017) 028 + Preprint: 1610.03545 [hep-ex]
DOI | PDF | Links | Citations: 60 citations

Search for high-mass $Z\gamma$ resonances in $e^+e^+ \nu\bar{\nu}$ and $\mu^+ \mu^+ \nu\bar{\nu}$ final states in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Oct 11, 2016)
Published in Phys Lett B 766 (2017) 268–290 + Preprint: 1607.06443 [hep-ex]
DOI | PDF | Links | Citations: 95 citations

LHCb Search - HIGPCE
Published in Phys Lett B 772 (2016) 309–329 + Preprint: 1612.08972 [hep-ex]
DOI | PDF | Links | Citations: 26 citations

Measurement of the total and differential inclusive B^0 hadron cross sections in pp collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Sep 3, 2016)
Published in Phys Lett B 771 (2017) 452–456 + Preprint: 1609.00273 [hep-ex]
DOI | PDF | Links | Citations: 45 citations

Measurement of the production cross section of a W boson in association with two jets in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Aug 26, 2016)
Published in Eur Phys J C 77 (2017) 2, 40 + Preprint: 1608.07561 [hep-ex]
DOI | PDF | Links | Citations: 30 citations

Measurement of the mass of the top quark in decays with a J/ψ meson in pp collisions at 8 TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Aug 11, 2016)
Published in JHEP 12 (2016) 123 + Preprint: 1608.03560 [hep-ex]
DOI | PDF | Links | Citations: 26 citations

Search for new phenomena in events with high jet multiplicity and low missing transverse momentum in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Aug 3, 2016)
Published in Phys Lett B 770 (2017) 257–267 + Preprint: 1608.01124 [hep-ex]
DOI | PDF | Links | Citations: 17 citations

Measurement of the ZZ production cross section and $Z \rightarrow E^+ E^- E^+ E^-$ branching fraction in pp collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Aug 2, 2016)
Published in Phys Lett B 763 (2017) 280–300, Phys Lett B 772 (2017) 884–884 (erratum) + Preprint: 1607.08834 [hep-ex]
DOI | PDF | Links | Citations: 66 citations

Measurement of electroweak production of a W boson and two forward jets in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jul 23, 2016)
Published in Eur Phys J C 76 (2016) 8, 469 + Preprint: 1607.04975 [hep-ex]
DOI | PDF | Links | Citations: 53 citations

Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jul 23, 2016)
Published in Phys Lett B 763 (2017) 280–300, Phys Lett B 772 (2017) 884–884 (erratum) + Preprint: 1607.08834 [hep-ex]
DOI | PDF | Links | Citations: 66 citations

LHCb Search - HIGPCE
Published in Phys Lett B 772 (2016) 309–329 + Preprint: 1612.08972 [hep-ex]
DOI | PDF | Links | Citations: 26 citations

Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (May 14, 2016)
Published in Eur Phys J C 76 (2016) 8, 461 + Preprint: 1605.04438 [hep-ex]
DOI | PDF | Links | Citations: 102 citations

Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (May 10, 2016)
Published in Eur Phys J C 76 (2016) 8, 461 + Preprint: 1605.01713 [hep-ex]
DOI | PDF | Links | Citations: 112 citations

Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (May 8, 2016)
Published in JHEP 09 (2016) 051 + Preprint: 1605.02329 [hep-ex]
DOI | PDF | Links | Citations: 75 citations

Measurement of the integrated and differential $t\bar{t}$ jet production cross sections for high- p_T top quarks in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Apr 30, 2016)
Published in Phys Rev D 94 (2016) 7, 072002 + Preprint: 1605.00116 [hep-ex]
DOI | PDF | Links | Citations: 70 citations

Search for narrow resonances in dijet final states at $\sqrt{s} = 8$ TeV with the novel CMS technique of data scouting
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Apr 29, 2016)
Published in Phys Rev Lett. 117 (2016) 6, 061802 + Preprint: 1604.08007 [hep-ex]
DOI | PDF | Links | Citations: 136 citations

Roaming form factors for the tritricritical to critical Ising flow
D. Kaviratna (Budapest, Tech. U. and Gas. Group, Inst. Bud., Budapest), M. Egor (Durham U., Dept. of Math.), G. Giacomin (Budapest, Tech. U. and Gas. Group, Inst. Bud., Budapest), P. E. Dunne (Durham U., Dept. of Math.), G. Giacomin (Budapest, Tech. U. and Gas. Group, Inst. Bud., Budapest) (Mar 10, 2016)
DOI | PDF | Links | Citations: 9 citations

Pseudorapidity dependence of long-range two-particle correlations in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Apr 18, 2016)
Published in Phys Rev D 96 (2017) 1, 014915 + Preprint: 1604.03347 [hep-ex]
DOI | PDF | Links | Citations: 53 citations

LHCb Search - HIGPCE
Published in Phys Lett B 772 (2016) 309–329 + Preprint: 1612.08972 [hep-ex]
DOI | PDF | Links | Citations: 26 citations

Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 13, 2016)
Published in Eur Phys J C 76 (2016) 10, 538 + Preprint: 1602.04384 [hep-ex]
DOI | PDF | Links | Citations: 24 citations

Search for supersymmetry in pp collisions at $\sqrt{s} = 8$ TeV in final states with boosted W bosons and jets using razor variables
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 9, 2016)
Published in Phys Rev D 93 (2016) 9, 092009 + Preprint: 1602.02917 [hep-ex]
DOI | PDF | Links | Citations: 16 citations

Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 9, 2016)
Published in JHEP 07 (2016) 021 + Preprint: 1602.01619 [hep-ex]
DOI | PDF | Links | Citations: 50 citations

Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $\sqrt{s} = 7$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Feb 9, 2016)
Published in JHEP 04 (2016) 159 + Preprint: 1601.03173 [hep-ex]
DOI | PDF | Links | Citations: 45 citations

Search for massive W \prime resonances decaying into the $t\bar{b}\nu$ final state at $\sqrt{s} = 8$ TeV
CMS Collaboration · Vardan Khachatryan (Yerevan Phys. Inst.) et al. (Jan 24, 2016)
Published in Eur Phys J C 76 (2016) 8, 452 + Preprint: 1601.06481 [hep-ex]
DOI | PDF | Links | Citations: 46 citations

Forward-backward asymmetry of Drell-Yan lepton pairs in

Search for heavy Majorana Neutrinos in $\mu^+\mu^- + \text{Jets}$ and $e^+e^- + \text{Jets}$ Events in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Study of the Inclusive Production of Charged Pions, Kaons, and Protons in pp Collisions at $\sqrt{s} = 0.9, 2.76, \text{ and } 7 \text{ TeV}$

Search for New Physics with Long-Lived Particles Decaying to Photons and Missing Energy in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for Stopped Long-Lived Particles Produced in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the Underlying Event Activity in pp Collisions at $\sqrt{s} = 0.9 \text{ and } 7 \text{ TeV}$ with the Novel Jet-Area Method

Search for Supersymmetry in Hadronic Final States using MT2 in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for New Physics in the Multi-Jet and Missing Transverse Momentum Final State in Proton-Proton Collisions at $\sqrt{s} = 7 \text{ TeV}$

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Annual momentum anisotropy of charged particles at high transverse momenta in PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the mass difference between top and anti-top quarks

Search for physics beyond the standard model in events with a Z boson, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Observation of a new $X(3872)$ baryon

Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the $Z\gamma$ -like cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

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Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for the standard model Higgs boson decaying to bottom quarks in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Jet momentum dependence of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

Search for microscopic black holes in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for large extra dimensions in dimuon and dilepton events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for a Higgs boson in the decay channel $H \rightarrow ZZ(4\ell) \rightarrow q\bar{q} \ell^+ \ell^-$ in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

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Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC

Jet Production Rates in Association with W and Z Bosons in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for a Vector-Like Quark with Charge $2/3$ in 4ℓ Events from pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Performance of tau-lepton reconstruction and identification in CMS

Search for Supersymmetry at the LHC in Events with Jets and Missing Transverse Energy

Measurement of the $t\bar{t}$ Production Cross Section in pp Collisions at 7 TeV in Lepton + Jets Events Using 0 - q - \bar{q} Jet Identification

Measurement of the Drell-Yan Cross Section in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the Differential Cross Section for Isolated Prompt Photon Production in

INSPIRE 70 citations

Observation of a New Boson at a Mass of 125 GeV with the CMS Experiment at the LHC

Search for New Physics in Events with Opposite-Sign Leptons, Jets, and Missing Transverse Energy in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for Charge-Asymmetric Production of W Bosons in $t\bar{t}$ -Jet Events from pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Performance of CMS Muon Reconstruction in pp Collision Events at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the Electron Charge Asymmetry in Inclusive W Production in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for Dark Matter and Large Extra Dimensions in Monojet Events in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the pseudorapidity and centrality dependence of the transverse energy

INSPIRE 201 citations

Shape, Transverse Size, and Charged Hadron Multiplicity of Jets in pp Collisions at 7 TeV

Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for heavy bottom-like quarks in 4.9 inverse femtobarns of pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the elliptic anisotropy of charged particles produced in PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

Measurement of the top quark pair production cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ in dijet final states containing a τ

Measurement of the cross section for production of $\bar{b}b^* X$, decaying to muons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

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Search for the standard model Higgs boson decaying to W^+W^- in the fully leptonic final state in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for the standard model Higgs boson in the $H \rightarrow ZZ(4\ell)$ decay channel in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Inclusive b -jet production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for the standard model Higgs boson in the $H \rightarrow ZZ(2\ell\nu)$ channel in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for the standard model Higgs boson in the decay channel $H \rightarrow ZZ$ to 4 leptons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

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pp Collisions at 7 TeV

A search for excited leptons in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Dependence on pseudorapidity and centrality of charged hadron production in PbPb collisions at a nucleon-nucleon centre-of-mass energy of 2.76 TeV

Search for supersymmetry in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ in events with a single lepton, jets and missing transverse momentum

Measurement of the Underlying Event Activity at the LHC with $\sqrt{s} = 7 \text{ TeV}$ and Comparison with $\sqrt{s} = 0.9 \text{ TeV}$

Measurement of the Inclusive W and Z Production Cross Sections in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Determination of Jet Energy Calibration and Transverse Momentum Resolution in CMS

Inclusive search for squarks and gluinos in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

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Search for High-Mass Resonances Decaying into τ -Lepton Pairs in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for a W^0 or Techni- ρ Decaying into WZ in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for a Light Pseudoscalar Higgs Boson in the Dimuon Decay Channel in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for heavy long-lived charged particles in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the Λ_b cross section and the Λ_b to Λ_c ratio with J/ψ Λ_b decays in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for new physics in events with same-sign dileptons and b -tagged jets in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

Measurement of the pseudorapidity and centrality dependence of the transverse energy

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Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

A New Boson with a Mass of 125 GeV Observed with the CMS Experiment at the Large Hadron Collider

Microverse spectroscopy measurements of the hyperfine structure in antiprotonic ^3He

Measurement of isolated photon production in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

Search for signatures of extra dimensions in the diphoton mass spectrum at the Large Hadron Collider

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Search for Three-Jet Resonances in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for $B_s(\text{s})$ and B to dimuon decays in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for Resonances in the Dijet Mass Spectrum from 7 TeV pp Collisions at CMS

Measurement of the Inclusive Jet Cross Section in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the τ -channel single top quark production cross section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Missing transverse energy performance of the CMS detector

Search for physics beyond the standard model using dilepton signatures in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for Light Resonances Decaying into Pairs of Muons as a Signal of New Physics

INSPIRE 7 citations

Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy

Studies of jet quenching using isolated-photon-jet correlations in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Study of W boson production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$

Search for Dark Matter and Large Extra Dimensions in pp Collisions Yielding a Photon and Missing Transverse Energy

Search for leptonic decays of W bosons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for Anomalous $t\bar{t}$ Production in the Highly-Boosted All-Hadronic Final State

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Measurement of the charge asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$

Exclusive photon-photon production of muon pairs in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$

J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9 \text{ and } 7 \text{ TeV}$

Forward Energy Flow, Central Charged-Particle Multiplicities, and Pseudorapidity Gaps in W and Z Boson Events from pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the Rapidity and Transverse Momentum Distributions of Z Bosons in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the Production Cross Section for Pairs of Isolated Photons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

INSPIRE 8 citations

Measurement of the ratio of the 3-jet to 2-jet cross sections in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Measurement of the Top-antitop Production Cross Section in pp Collisions at $\sqrt{s} = 7 \text{ TeV}$ using the Kinematic Properties of Events with Leptons and Jets

Search for New Physics with Jets and Missing Transverse Momentum in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for Same-Sign Top-Quark Pair Production at $\sqrt{s} = 7 \text{ TeV}$ and Limits on Flavour Changing Neutral Currents in the Top Sector

Search for physics beyond the standard model using dilepton signatures in pp collisions at $\sqrt{s} = 7 \text{ TeV}$

Search for Light Resonances Decaying into Pairs of Muons as a Signal of New Physics

INSPIRE 8 citations

130321, 353.9M [Literature Search - INSPIRE](#)
Measurement of the Strange B Meson Production Cross Section with J/ψ Pairs in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Jan. 2011)
 Published in: *Phys.Rev.Let.* 106 (2011) 022002 - ePrint: 1105.4048 [hep-ex]
 pdf doi oai cite datasets 96 citations

Long-range and short-range hadron angular correlations in central PbPb collisions at a nucleus-nucleon center of mass energy of 2.76 TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (May 2011)
 Published in: *JHEP* 07 (2011) 075 - ePrint: 1105.2438 [hep-ex]
 pdf doi oai cite 175 citations

Measurement of the f_2 production cross section and the top quark mass in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (May 2011)
 Published in: *JHEP* 07 (2011) 049 - ePrint: 1105.5661 [hep-ex]
 pdf doi oai cite 189 citations

Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (May 2011)
 Published in: *JHEP* 06 (2011) 093 - ePrint: 1105.3152 [hep-ex]
 pdf doi oai cite 52 citations

Measurement of W and Z production cross sections at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (May 2011)
 Published in: *Phys.Lett.* 701 (2011) 535-555 - ePrint: 1105.2578 [hep-ex]
 pdf doi oai cite 99 citations

Indications of suppression of excited T states in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (May 2011)
 Published in: *Phys.Rev.Let.* 107 (2011) 025202 - ePrint: 1105.4694 [hep-ex]
 pdf doi oai cite 251 citations

Search for First Generation Scalar Leptoquarks in the $e\mu j$ channel in pp collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (May 2011)
 Published in: *Phys.Lett.* 703 (2011) 214-246 - ePrint: 1105.5237 [hep-ex]
 pdf doi oai cite 38 citations

From the currenty rate equations onto strings and brane world scenarios
 https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
Measurement of the W and Z production cross sections at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Feb. 2011)
 Published in: *Phys.Rev.* 84 (2011) 024005 - ePrint: 1102.1957 [hep-ex]
 pdf doi oai cite 463 citations

Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7$ -TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Jan. 2011)
 Published in: *Phys.Rev.Let.* 106 (2011) 122002 - ePrint: 1101.5029 [hep-ex]
 pdf doi oai cite datasets 89 citations

Two-photon laser spectroscopy of antiprotonic helium and the antiproton-to-electron mass ratio
 ASACUSA Collaboration - Masaki Hori (Munich, Max Planck Inst. Quant. opt.) et al. (2011)
 Published in: *Nature* 475 (2011) 618-620 - ePrint: 1104.4330 [physics.atom-ph]
 pdf doi oai cite datasets 125 citations

Inclusive b-Hadron Production Cross Section with Muons in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Jan. 2011)
 Published in: *JHEP* 02 (2011) 090 - ePrint: 1101.3512 [hep-ex]
 pdf doi oai cite datasets 81 citations

Search for Supersymmetry in pp Collisions at 7 TeV in Events with Jets and Missing Transverse Energy
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Jan. 2011)
 Published in: *Phys.Lett.* 698 (2011) 196-218 - ePrint: 1101.1628 [hep-ex]
 pdf doi oai cite datasets 305 citations

Determination of α_{had} using OPAL hadronic event shapes at $\sqrt{s} = 91 - 209$ GeV and determined NNLO calculations
 OPAL Collaboration - G. Abbiendi (INFN, Bologna U.) et al. (2011)
 Published in: *Eur.Phys.J.* C 71 (2011) 17302 - ePrint: 1101.1470 [hep-ex]
 pdf doi oai cite datasets 63 citations

Search for Heavy Stable Charged Particles in pp collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Jan. 2011)
 Published in: *JHEP* 03 (2011) 024 - ePrint: 1101.1645 [hep-ex]
 pdf doi oai cite datasets 97 citations

Measurement of Bose-Einstein Correlations in pp Collisions at $\sqrt{s} = 0.9$ and 7 TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Jan. 2011)
 Published in: *JHEP* 05 (2011) 029 - ePrint: 1101.3818 [hep-ex]
 pdf doi oai cite datasets 88 citations

https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (2010)
 Published in: *Eur.Phys.J.* C 70 (2010) 555-572 - ePrint: 1006.2083 [hep-ex]
 pdf doi oai cite datasets 99 citations

CMS Tracking Performance Results from Early LHC Operation
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (2010)
 Published in: *Eur.Phys.J.* C 70 (2010) 116-1192 - ePrint: 1007.1988 [physics.atom-ph]
 pdf doi oai cite 311 citations

Performance of the CMS Hadron Calorimeter with Cosmic Ray Muons and LHC Beam Data
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03012 - ePrint: 0911.4991 [physics.atom-ph]
 pdf doi oai cite datasets 147 citations

Measurement of the Muon Stopping Power in Lead Tungstate
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) P03007 - ePrint: 0911.3397 [physics.atom-ph]
 pdf doi oai cite datasets 20 citations

Time Reconstruction and Performance of the CMS Electromagnetic Calorimeter
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03011 - ePrint: 0911.4044 [physics.atom-ph]
 pdf doi oai cite datasets 62 citations

Performance of CMS Muon Reconstruction in Cosmic-Ray Events
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03022 - ePrint: 0911.4994 [physics.atom-ph]
 pdf doi oai cite datasets 158 citations

Aligning the CMS Muon Chambers with the Muon Alignment System during an Extended Cosmic Ray Run
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03019 - ePrint: 0911.4770 [physics.atom-ph]
 pdf doi oai cite datasets 25 citations

Fine Synchronization of the CMS Muon Drift-Tube Local Trigger using Cosmic Rays
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03004 - ePrint: 0911.4904 [physics.atom-ph]
 pdf doi oai cite datasets 14 citations

Commissioning of the CMS High-Level Trigger with Cosmic Rays
 https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Aug. 2008)
 Published in: *JINST* 3 (2008) S08004
 pdf doi oai cite datasets 8,055 citations

Radial Compression of an Antiproton Cloud for Production of Intense Antiproton Beams
 N.Kuroda, H.A. Tori, M. Shibata, Y. Nagata, D. Barma, et al. (May 19, 2008)
 Published in: *Phys.Rev.Let.* 100 (2008) 20, 203402
 doi oai cite datasets 38 citations

Improved Study of the Antiprotonic Helium Hyperfine Structure
 T. Peak (Stefan Meyer Inst. Subatomic Phys.), D. Barma, A. Dax, R.S. Hayano, M. Hori et al. (Mar. 2008)
 Published in: *Phys.Rev.* 81 (2008) 081808 - ePrint: 0803.0876 [physics.atom-ph]
 pdf doi oai cite datasets 15 citations

Diffusion-Driven Pattern Formation in Ionic Chemical Solutions
 Zsolt Molnár (Szeged U.), Agneta Tóth (Szeged U.), Dezso Horvath (Szeged U.) (Feb. 29, 2008)
 Published in: *Phys.Rev.Let.* 100 (2008) 083801
 doi oai cite datasets 6 citations

ASACUSA status report: ASACUSA progress during 2007 and plans for 2008
 ASACUSA Collaboration - R.S. Hayano (Tokyo U.) et al. (Jan. 2008)
 oai cite datasets 1 citation

ILC Reference Design Report Volume 4 - Detectors
 ILC Collaboration - Jaka Blazek (DESY) et al. (Dec. 2007)
 ePrint: 0712.2356 [physics.instr-det]
 pdf doi oai cite datasets 110 citations

ILC Reference Design Report Volume 3 - Accelerator
 Noni Penny (SLAC) (ed.), Nobuhiko Tamae (KRI, Tsukuba) (ed.), Nicholas J. Walker (DESY), Gerald Amons (SLAC), Toshinori Abe (Tokyo U.) et al. (Dec. 2007)
 ePrint: 0712.2381 [physics.instr-det]
 pdf doi oai cite datasets 121 citations

International Linear Collider Reference Design Report Volume 2: Physics at the ILC
 ILC Collaboration - Akhlesh Singh (Orsay, LPT) (ed.) et al. (Sep. 2007)
 ePrint: 0709.1893 [hep-ph]
 pdf doi oai cite datasets 456 citations

ILC Reference Design Report Volume 1 - Executive Summary
 ILC Collaboration - Janka Blazek (DESY) (ed.) et al. (Aug. 2007)
 oai cite datasets 20 citations

https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
D. Horvath, N. Piacitelli (Apr. 22, 2011)
 Published in: *Physica A* 391 (2012) 5173-5188 - ePrint: 1104.1716 [hep-th]
 pdf doi oai cite datasets 7 citations

Measurement of the Inclusive Z Cross Section via Decays to Tau Pairs in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Apr. 2011)
 Published in: *JHEP* 08 (2011) 117 - ePrint: 1104.1717 [hep-ex]
 pdf doi oai cite datasets 104 citations

Search for Neutral MSSM Higgs Bosons Decaying to Tau Pairs in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Apr. 2011)
 Published in: *Phys.Rev.Let.* 106 (2011) 231801 - ePrint: 1104.1619 [hep-ex]
 pdf doi oai cite datasets 142 citations

Charged particle production momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Apr. 2011)
 Published in: *JHEP* 08 (2011) 086 - ePrint: 1104.3547 [hep-ex]
 pdf doi oai cite datasets 126 citations

Measurement of the D^0 production cross section in pp collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Apr. 2011)
 Published in: *Phys.Rev.Let.* 106 (2011) 250001 - ePrint: 1104.2892 [hep-ex]
 pdf doi oai cite datasets 108 citations

Measurement of the Polarization of W Bosons with Large Transverse Momenta in W-Jets Events at the LHC
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Apr. 2011)
 Published in: *Phys.Rev.Let.* 107 (2011) 012802 - ePrint: 1104.3829 [hep-ex]
 pdf doi oai cite datasets 108 citations

Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Apr. 2011)
 Published in: *JHEP* 05 (2011) 077 - ePrint: 1104.3138 [hep-ex]
 pdf doi oai cite datasets 124 citations

Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Apr. 2011)
 https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
Spectroscopy of the hyperfine structure of antiprotonic 4He and 3He
 Clausen Friedrich, Daniel Haffner, David S. Baatman, David Horvath et al. (2011)
 Published in: *Hyperfine Interact.* 193 (2011) 3, 337-346 - Contribution to TPC0101, 337-346
 pdf doi oai cite datasets 1 citation

Measurement of the D^0 Production Cross Section in pp Collisions at $\sqrt{s} = 7$ -TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Jan. 2011)
 Published in: *Phys.Rev.Let.* 106 (2011) 112001 - ePrint: 1101.0131 [hep-ex]
 pdf doi oai cite datasets 147 citations

Upsilon Production Cross-Section in pp Collisions at $\sqrt{s} = 7$ -TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Jan. 2011)
 Published in: *Phys.Rev.Let.* 106 (2011) 111204 - ePrint: 1101.2545 [hep-ex]
 pdf doi oai cite datasets 153 citations

Search for Pair Production of First-Generation Scalar Leptoquarks in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Dec. 2010)
 Published in: *Phys.Rev.Let.* 106 (2011) 201802 - ePrint: 1012.4031 [hep-ex]
 pdf doi oai cite datasets 47 citations

Search for Microscopic Black Hole Signatures at the Large Hadron Collider
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Dec. 2010)
 Published in: *Phys.Lett.* 807 (2011) 434-453 - ePrint: 1012.3375 [hep-ex]
 pdf doi oai cite datasets 122 citations

Search for a Heavy Gauge Boson W' in the Final State with an Electron and Large Missing Transverse Energy in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Dec. 2010)
 Published in: *Phys.Lett.* 808 (2011) 21-39 - ePrint: 1012.5949 [hep-ex]
 pdf doi oai cite datasets 49 citations

Measurement of the Isolated Prompt Photon Production Cross Section in pp Collisions at $\sqrt{s} = 7$ -TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Dec. 2010)
 Published in: *Phys.Rev.Let.* 106 (2011) 082001 - ePrint: 1012.2790 [hep-ex]
 pdf doi oai cite datasets 126 citations

Search for Pair Production of Second-Generation Scalar Leptoquarks in pp Collisions at $\sqrt{s} = 7$ TeV
 https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03005 - ePrint: 0911.4889 [physics.instr-det]
 pdf doi oai cite datasets 32 citations

CMS Data Processing Workflows during an Extended Cosmic Ray Run
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03006 - ePrint: 0911.4842 [physics.instr-det]
 pdf doi oai cite datasets 25 citations

Commissioning and Performance of the CMS Silicon Strip Tracker with Cosmic Ray Muons
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03018 - ePrint: 0911.4996 [physics.instr-det]
 pdf doi oai cite datasets 63 citations

Commissioning and Performance of the CMS Pixel Tracker with Cosmic Ray Muons
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03007 - ePrint: 0911.5434 [physics.instr-det]
 pdf doi oai cite datasets 80 citations

Performance of the CMS Level-1 Trigger during Commissioning with Cosmic Ray Muons
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03009 - ePrint: 0911.5423 [physics.instr-det]
 pdf doi oai cite datasets 56 citations

Calibration of the CMS Drift-Tube Chambers and Measurement of the Drift Velocity with Cosmic Rays
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03015 - ePrint: 0911.4893 [physics.instr-det]
 pdf doi oai cite datasets 20 citations

Performance of the CMS Drift-Tube Local Trigger with Cosmic Rays
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03003 - ePrint: 0911.4892 [physics.instr-det]
 pdf doi oai cite datasets 20 citations

Identification and Filtering of Uncharacteristic Noise in the CMS Hadron Calorimeter
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03014 - ePrint: 0911.4888 [physics.instr-det]
 pdf doi oai cite datasets 93 citations

https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
CMS Collaboration - David G. Etema (CERN) (ed.) et al. (Mar. 2007)
 Published in: *Phys.Rev.* 76 (2007) 2307-2455
 doi oai cite datasets 222 citations

Measurement of the $e^+e^- \rightarrow W^+W^-$ cross section and W decay branching fractions at LEP
 OPAL Collaboration - G. Abbiendi et al. (Aug. 2007)
 Published in: *Eur.Phys.J.* C 52 (2007) 763-785 - ePrint: 0708.1111 [hep-ex]
 pdf doi oai cite datasets 31 citations

Bose-Einstein study of position-momentum correlations of charged pions in hadronic Z0 decays
 OPAL Collaboration - G. Abbiendi et al. (Aug. 2007)
 Published in: *Phys.Rev.* C 75 (2007) 793-801 - ePrint: 0708.1122 [hep-ex]
 pdf doi oai cite datasets 21 citations

Measurement of $\alpha(s)$ with Radiative Hadronic Events
 OPAL Collaboration - G. Abbiendi (Bologna U.) and INFN Bologna et al. (Aug. 2007)
 Published in: *Phys.Lett.* 663 (2008) 37-42 - ePrint: 0707.5940 [hep-ex]
 pdf doi oai cite datasets 14 citations

Search for Dirac magnetic monopoles in e^+e^- collisions with the OPAL detector at LEP2
 OPAL Collaboration - G. Abbiendi (Bologna U.) et al. (Jul. 2007)
 Published in: *Phys.Lett.* 663 (2008) 37-42 - ePrint: 0707.5940 [hep-ex]
 pdf doi oai cite datasets 48 citations

Search for Invisibly Decaying Higgs bosons in $e^+e^- \rightarrow Z0h$ production at $\sqrt{s}(1/2) = 183-GeV$ - 209 GeV
 OPAL Collaboration - G. Abbiendi (INFN, Bologna U.) et al. (Jul. 2007)
 Published in: *Phys.Lett.* 662 (2010) 381-390 - ePrint: 0707.2873 [hep-ex]
 pdf doi oai cite datasets 35 citations

Inclusive Jet Production in Photon-Photon Collisions at $\sqrt{s}(1/2)$ from 189 to 209-GeV
 ILC Collaboration - G. Abbiendi (Bologna U.) and INFN Bologna, et al. (May 2007)
 Published in: *Phys.Lett.* 658 (2008) 185-192 - ePrint: 0706.4482 [hep-ex]
 pdf doi oai cite datasets 14 citations

CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Jul. 2007)
 Published in: *JINST* 3 (2007) S08003 - ePrint: 0707.2673 [hep-ex]
 pdf doi oai cite datasets 20 citations

CMS physics technical design report: Addendum on high density QCD with heavy ions
 https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
Published in: Phys.Lett.B 700 (2011) 187-206 - ePrint: 1104.1693 [hep-ex]
 pdf doi oai cite datasets 96 citations

Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Mar. 2011)
 Published in: *JHEP* 04 (2011) 050 - ePrint: 1103.3470 [hep-ex]
 pdf doi oai cite datasets 120 citations

Search for Resonances in the Dilepton Mass Distribution in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Mar. 2011)
 Published in: *JHEP* 05 (2011) 093 - ePrint: 1103.0901 [hep-ex]
 pdf doi oai cite datasets 102 citations

Search for Physics Beyond the Standard Model in Opposite-Sign Dilepton Events at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Mar. 2011)
 Published in: *JHEP* 04 (2011) 026 - ePrint: 1103.1143 [hep-ex]
 pdf doi oai cite datasets 74 citations

Search for Large Extra Dimensions in the Diphoton Final State at the Large Hadron Collider
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Mar. 2011)
 Published in: *JHEP* 05 (2011) 085 - ePrint: 1103.4273 [hep-ex]
 pdf doi oai cite datasets 51 citations

Search for Supersymmetry in pp Collisions at $\sqrt{s} = 7$ TeV in Events with Two Photons and Missing Transverse Energy
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Mar. 2011)
 Published in: *Phys.Rev.Let.* 106 (2011) 21802 - ePrint: 1103.0953 [hep-ex]
 pdf doi oai cite datasets 97 citations

Search for W' boson decaying to a muon and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Mar. 2011)
 Published in: *Phys.Lett.* 801 (2011) 165-179 - ePrint: 1103.0020 [hep-ex]
 pdf doi oai cite datasets 59 citations

Study of Z boson production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
 CMS Collaboration - Sargolzhad Chachyayev (Yerevan Phys. Inst.) et al. (Feb. 2011)
 Published in: *Phys.Rev.Let.* 106 (2011) 212201 - ePrint: 1102.5453 [hep-ex]
 pdf doi oai cite datasets 157 citations

https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Dec. 2010)
 Published in: *Phys.Rev.Let.* 106 (2011) 201801 - ePrint: 1102.4033 [hep-ex]
 pdf doi oai cite datasets 26 citations

Measurements of Inclusive W and Z Cross Sections in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Dec. 2010)
 Published in: *JHEP* 01 (2011) 080 - ePrint: 1012.2466 [hep-ex]
 pdf doi oai cite datasets 466 citations

Charged Particle Multiplicities in pp Interactions at $\sqrt{s} = 0.9, 2.36$, and 7 TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Nov. 2010)
 Published in: *JHEP* 01 (2011) 079 - ePrint: 1011.5531 [hep-ex]
 pdf doi oai cite datasets 251 citations

Prompt and Non-Prompt J/ψ Production in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Nov. 2010)
 Published in: *Eur.Phys.J.* C 71 (2011) 1575 - ePrint: 1011.4192 [hep-ex]
 pdf doi oai cite datasets 272 citations

Search for Stopped Gluons in pp collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Nov. 2010)
 Published in: *Phys.Rev.Let.* 106 (2011) 018101 - ePrint: 1011.5861 [hep-ex]
 pdf doi oai cite datasets 68 citations

Search for Quark Compositeness with the Dijet Centrality Ratio in pp Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Oct. 2010)
 Published in: *Phys.Rev.Let.* 105 (2010) 242001 - ePrint: 1010.4439 [hep-ex]
 pdf doi oai cite datasets 79 citations

Search for Dijet Resonances in 7 TeV pp Collisions at CMS
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Oct. 2010)
 Published in: *Phys.Rev.Let.* 105 (2010) 21801 - ePrint: 1010.5003 [hep-ex]
 pdf doi oai cite datasets 203 citations

First Measurement of the Cross Section for Top-Quark Pair Production in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV
 CMS Collaboration - Vanden Khachatryan (Yerevan Phys. Inst.) et al. (Oct. 2010)
 Published in: *Phys.Lett.* 805 (2011) 424-443 - ePrint: 1010.3994 [hep-ex]
 pdf doi oai cite datasets 191 citations

https://hep.physics.uconn.edu/preprints/200906/200906-5147-a.html#toc, doi:10.1088/0264-9382/26/10/105501

130321, 353.9M [Literature Search - INSPIRE](#)
Commissioning of the CMS Experiment and the Cosmic Run at Four Tests
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03001 - ePrint: 0911.4845 [physics.instr-det]
 pdf doi oai cite datasets 87 citations

Alignment of the CMS Muon System with Cosmic-Ray and Beam-Halo Muons
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03020 - ePrint: 0911.4022 [physics.instr-det]
 pdf doi oai cite datasets 39 citations

Performance Study of the CMS Barrel Resistive Plate Chambers with Cosmic Rays
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)
 Published in: *JINST* 5 (2010) T03017 - ePrint: 0911.4043 [physics.instr-det]
 pdf doi oai cite datasets 48 citations

Performance of the CMS Cathode Strip Chambers with Cosmic Rays
 CMS Collaboration - S. Chatrchyan (Yerevan Phys. Inst.) et al. (Nov. 2009)<

INSPIRE Search - INSPIRE

Published in APJ Conf Proc: 793 (2005), 1, 307 317 - Contribution to Conference on Physics with Ultra-Soft Antiproton Beams, 307 317

DOI | eprints | datasets | 1 citation

Precision electroweak measurements on the Z resonance

ALEPH and DELPHI and L3 and OPAL and SLD Collaborations and LEP Electroweak Working Group and SLD Electroweak Group and SLD Heavy Flavor Group · S. Schael et al. (Aug. 2005)

Published in Phys.Rept. 427 (2006) 257 454 + Print: hep-ex/0506088 [hep-ex]

PDF | eprints | datasets | 2843 citations

Measurement of the mass and width of the W boson

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 45 (2006) 307 335 + Print: hep-ex/0506060 [hep-ex]

PDF | eprints | datasets | 68 citations

Determination of alpha(s) using jet rates at LEP with the OPAL detector

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 45 (2006) 547 568 + Print: hep-ex/0507047 [hep-ex]

PDF | eprints | datasets | 16 citations

Colour reconstruction in e+e- to W+W+ s*(1/2) + 189-GeV + 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 45 (2006) 291 305 + Print: hep-ex/0506062 [hep-ex]

PDF | eprints | datasets | 27 citations

Searches for gauge-mediated supersymmetry breaking topologies in e+e- collisions at LEP2

OPAL Collaboration · G. Abbiendi et al. (Jul. 2005)

Published in Eur.Phys.J. C 46 (2006) 307 341 + Print: hep-ex/0507048 [hep-ex]

PDF | eprints | datasets | 59 citations

Observation of C0M, Long-Lived Antiprotonic Helium Ions

M. Hori (CERN), J. Eades (CERN), R.S. Hayano (Tokyo U), W. Pukl (Tokyo U), E. Widmann (Tokyo U) et al. (Feb. 18, 2005)

Published in Phys.Rev.Lett. 94 (2005) 062431

DOI | eprints | datasets | 26 citations

Measurement of the running of the QED coupling in small-angle Bhabha scattering at LEP

OPAL Collaboration · G. Abbiendi et al. (Feb. 2005)

Published in Eur.Phys.J. C 45 (2006) 1 21 + Print: hep-ex/0505072 [hep-ex]

PDF | eprints | datasets | 51 citations

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Flavor independent search for Higgs bosons decaying into hadronic final states in e+e- collisions at LEP

OPAL Collaboration · G. Abbiendi et al. (Nov. 2003)

Published in Phys.Lett.B 597 (2004) 61 76 + Print: hep-ex/0312042 [hep-ex]

PDF | eprints | datasets | 21 citations

Experimental studies of unbiased gluon jets from e+e- annihilations using the jet boost algorithm

OPAL Collaboration · G. Abbiendi et al. (Oct. 2003)

Published in Phys.Rev.D 69 (2004) 032002 + Print: hep-ex/0310048 [hep-ex]

PDF | eprints | datasets | 36 citations

Direct Measurement of Transition Frequencies in Isolated (bar{u})g H+e+ Atoms, and New CPT-Violation Limits on the Antiproton Charge and Mass

M. Hori (CERN), J. Eades (Tokyo U), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), H. Yamaguchi (Tokyo U) et al. (Sep. 19, 2003)

Published in Phys.Rev.Lett. 91 (2003) 123431

DOI | eprints | datasets | 92 citations

A Study of charm production in beauty decays with the OPAL detector at LEP

OPAL Collaboration · G. Abbiendi et al. (Aug. 2003)

Published in Eur.Phys.J. C 35 (2006) 149 158 + Print: hep-ex/0308050 [hep-ex]

PDF | eprints | datasets | 0 citations

Tests of the standard model and constraints on new physics from measurements of fermion pair production at 189-GeV to 209-GeV at LEP

OPAL Collaboration · G. Abbiendi et al. (Aug. 2003)

Published in Eur.Phys.J. C 33 (2004) 173 212 + Print: hep-ex/0309053 [hep-ex]

PDF | eprints | datasets | 145 citations

Study of Z pair production and anomalous couplings in e+e- collisions at s*(1/2) between 190-GeV and 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Jul. 2003)

Published in Eur.Phys.J. C 32 (2003) 303 322 + Print: hep-ex/0310013 [hep-ex]

PDF | eprints | datasets | 61 citations

Search for the single production of doubly charged Higgs bosons and constraints on their couplings from Bhabha scattering

OPAL Collaboration · G. Abbiendi (Univ. of Turin) et al. (Jul. 2003)

Published in Phys.Lett.B 577 (2003) 93 108 + Print: hep-ex/0308052 [hep-ex]

PDF | eprints | datasets | 42 citations

INSPIRE Search - INSPIRE

Search for nearly mass degenerate charginos and neutralinos at LEP

OPAL Collaboration · G. Abbiendi et al. (Oct. 2002)

Published in Eur.Phys.J. C 29 (2003) 479 489 + Print: hep-ex/0210043 [hep-ex]

PDF | eprints | datasets | 80 citations

Primary Populations of Metastable Antiprotonic H4e and H3e Atoms

M. Hori (CERN), J. Eades (CERN), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), J. Sakaguchi (Tokyo U) et al. (Aug. 7, 2002)

Published in Phys.Rev.Lett. 89 (2002) 093401

DOI | eprints | datasets | 37 citations

Hyperfine structure of antiprotonic helium revealed by a laser-microwave-laser resonance method

E. Widmann (Tokyo U), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), J. Sakaguchi (Tokyo U), H. Yamaguchi (Tokyo U) et al. (Jul. 14, 2002)

Published in Phys.Rev.Lett. 89 (2002) 243402 + Print: physics/0207099 [physics.atom-ph]

PDF | eprints | datasets | 45 citations

Inclusive analysis of the b quark fragmentation function in Z decays at LEP

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 29 (2003) 463 479 + Print: hep-ex/0210031 [hep-ex]

PDF | eprints | datasets | 161 citations

Search for a low mass CP odd Higgs boson in e+e- collisions with the OPAL detector at LEP-2

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 27 (2002) 483 495 + Print: hep-ex/0206068 [hep-ex]

PDF | eprints | datasets | 61 citations

Measurement of neutral current four fermion production at LEP-2

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Phys.Lett.B 544 (2002) 259 273 + Print: hep-ex/0210026 [hep-ex]

PDF | eprints | datasets | 9 citations

Search for scalar top and scalar bottom quarks at LEP

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Phys.Lett.B 545 (2002) 272 284 + Print: hep-ex/0209026 [hep-ex]

PDF | eprints | datasets | 60 citations

Measurement of the b quark forward backward asymmetry around the Z peak using an

PDF | eprints | datasets | 35 citations

INSPIRE Search - INSPIRE

Search for Yukawa production of a light neutral Higgs boson at LEP

OPAL Collaboration · G. Abbiendi et al. (Nov. 2001)

Published in Eur.Phys.J. C 23 (2002) 397 407 + Print: hep-ex/0110110 [hep-ex]

PDF | eprints | datasets | 50 citations

Particle multiplicity of unbiased gluon jets from e+e- three jet events

OPAL Collaboration · G. Abbiendi et al. (Oct. 2001)

Published in Eur.Phys.J. C 23 (2002) 597 613 + Print: hep-ex/0110113 [hep-ex]

PDF | eprints | datasets | 29 citations

Measurement of the hadronic cross-section for the scattering of two virtual photons at LEP

OPAL Collaboration · G. Abbiendi et al. (Oct. 2001)

Published in Eur.Phys.J. C 24 (2002) 17 31 + Print: hep-ex/0110006 [hep-ex]

PDF | eprints | datasets | 41 citations

Search for single top quark production at LEP-2

OPAL Collaboration · G. Abbiendi et al. (Sep. 2001)

Published in Phys.Lett.B 521 (2001) 161 194 + Print: hep-ex/0110009 [hep-ex]

PDF | eprints | datasets | 47 citations

Genuine correlations of like-sign particles in hadronic Z decays

OPAL Collaboration · G. Abbiendi et al. (Sep. 2001)

Published in Phys.Lett.B 523 (2001) 15 25 + Print: hep-ex/0110050 [hep-ex]

PDF | eprints | datasets | 24 citations

Search for lepton flavor violation in e+e- collisions at s*(1/2) = 189-GeV + 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Aug. 2001)

Published in Phys.Lett.B 519 (2001) 29 32 + Print: hep-ex/0109011 [hep-ex]

PDF | eprints | datasets | 22 citations

Measurement of the branching ratio for the process b -> tau tau anti-tau X

OPAL Collaboration · G. Abbiendi et al. (Jul. 2001)

Published in Phys.Lett.B 520 (2001) 1 10 + Print: hep-ex/0108031 [hep-ex]

PDF | eprints | datasets | 29 citations

Angular analysis of the muon pair asymmetry at LEP1

OPAL Collaboration · G. Abbiendi et al. (Jul. 2001)

Published in Phys.Lett.B 516 (2001) 1 10 + Print: hep-ex/0107046 [hep-ex]

PDF | eprints | datasets | 3 citations

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Confinement of a Large Number of Antiprotons and Production of an Ultrashort Antiproton Beam

N. Saitoh, H.A. Torii, K. Yoshida, T. Yamazaki, Z. Wang, S. Yoneda et al. (2005)

Published in Phys.Rev.Lett. 94 (2005) 023401

PDF | eprints | datasets | 45 citations

Effects of colorons on antiprotonic atoms

D. Horvath (Budapest, RMK) and Dolnicser, H. (Nov. 2005)

Published in Nucl.Phys.A 829 (2005) 95 102 - Contribution to PACS, 95 102

PDF | eprints | datasets | 0 citations

Indication of the Wigner threshold law in collisions between antiprotonic helium and hydrocarbon molecules

R. Jubbadi, Dolnicser, H., N. Saitoh, S. L. Barua, (Budapest, RMK), J. Eades (Tokyo City U.), S. Edstrom, (Sofran Meyer Inst. Subatomicn Phys.), R. S. Hayano (Budapest, RMK) et al. (2005)

Contributed to EXA 2005, 407 411

DOI | eprints | datasets | 0 citations

Measurement of R(b) in e+e- collisions at 182-GeV to 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Oct. 2004)

Published in Phys.Lett.B 609 (2005) 212 225 + Print: hep-ex/0410034 [hep-ex]

PDF | eprints | datasets | 13 citations

Determination of the LEP beam energy using radiative fermion-pair events

OPAL Collaboration · G. Abbiendi et al. (Aug. 2004)

Published in Phys.Lett.B 604 (2004) 31 47 + Print: hep-ex/0408130 [hep-ex]

PDF | eprints | datasets | 15 citations

Search for radions at LEP2

OPAL Collaboration · G. Abbiendi (INFN Bologna and U. Bologna, INFN) et al. (Aug. 2004)

Published in Phys.Lett.B 609 (2005) 20 34 + Print: hep-ex/0410035 [hep-ex]

PDF | eprints | datasets | 0 citations

Flavor independent h0A0 search and two Higgs doublet model interpretation of neutral Higgs boson searches at LEP

OPAL Collaboration · G. Abbiendi et al. (Aug. 2004)

Published in Eur.Phys.J. C 46 (2006) 317 333 + Print: hep-ex/0408077 [hep-ex]

PDF | eprints | datasets | 0 citations

Measurement of event shape distributions and moments in e+e- -> hadrons at 91-GeV + 209-GeV and a determination of alpha(s)

Hepp-Preprint hep-ex/0408077

DOI | eprints | datasets | 47 citations

INSPIRE Search - INSPIRE

Search for stable and longlived massive charged particles in e+e- collisions at s*(1/2) = 130-GeV to 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Jul. 2003)

Published in Eur.Phys.J. C 33 (2004) 463 476 + Print: hep-ex/0306067 [hep-ex]

PDF | eprints | datasets | 81 citations

Measurement of heavy quark forward backward asymmetries and average B mixing using leptons in hadronic Z decays

OPAL Collaboration · G. Abbiendi et al. (Jul. 2003)

Published in Phys.Lett.B 557 (2003) 16 36 + Print: hep-ex/0308051 [hep-ex]

PDF | eprints | datasets | 20 citations

Search for anomalous production of dilepton events with missing transverse momentum in e+e- collisions at s*(1/2) = 183-GeV to 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Jul. 2003)

Published in Eur.Phys.J. C 32 (2004) 453 473 + Print: hep-ex/0309014 [hep-ex]

PDF | eprints | datasets | 18 citations

A Study of W+W- gamma gamma events at LEP

OPAL Collaboration · G. Abbiendi et al. (Jul. 2003)

Published in Phys.Lett.B 580 (2004) 17 36 + Print: hep-ex/0309013 [hep-ex]

PDF | eprints | datasets | 41 citations

Tests of models of color reconnection and a search for glueballs using gluon jets with a rapidly tag

OPAL Collaboration · G. Abbiendi et al. (Jun. 2003)

Published in Eur.Phys.J. C 35 (2004) 293 312 + Print: hep-ex/0306021 [hep-ex]

PDF | eprints | datasets | 36 citations

Search for R parity violating decays of scalar fermions at LEP

OPAL Collaboration · G. Abbiendi et al. (Jun. 2003)

Published in Eur.Phys.J. C 33 (2004) 149 172 + Print: hep-ex/0310054 [hep-ex]

PDF | eprints | datasets | 49 citations

Search for pair produced leptoquarks in e+e- interactions at sqrt(s) approximately = 189-GeV to 209-GeV

OPAL Collaboration · G. Abbiendi et al. (May. 2003)

Published in Eur.Phys.J. C 31 (2003) 281 305 + Print: hep-ex/0305053 [hep-ex]

PDF | eprints | datasets | 42 citations

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Inclusive tag

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Phys.Lett.B 546 (2002) 29 47 + Print: hep-ex/0209070 [hep-ex]

PDF | eprints | datasets | 39 citations

Measurement of the cross-section for the process gamma gamma -> p anti-p at s(e) = s*(1/2) = 183-GeV to 189-GeV at LEP

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 28 (2002) 45 54 + Print: hep-ex/0209020 [hep-ex]

PDF | eprints | datasets | 24 citations

Search for the standard model Higgs boson with the OPAL detector at LEP

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 28 (2002) 479 501 + Print: hep-ex/0209078 [hep-ex]

PDF | eprints | datasets | 65 citations

Charged particle momentum spectra in e+e- annihilation at s*(1/2) = 192-GeV to 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 27 (2002) 467 481 + Print: hep-ex/0209048 [hep-ex]

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Search for Z gamma gamma production in Compton scattering of quasi-real photons

OPAL Collaboration · G. Abbiendi et al. (Jul. 2001)

Published in Eur.Phys.J. C 24 (2002) 105 117 + Print: hep-ex/0107047 [hep-ex]

PDF | eprints | datasets | 6 citations

Measurement of F(bu) using hadron semileptonic decay

OPAL Collaboration · G. Abbiendi et al. (Jun. 2001)

Published in Eur.Phys.J. C 21 (2001) 399 410 + Print: hep-ex/0107016 [hep-ex]

PDF | eprints | datasets | 37 citations

Determination of the b quark mass at the Z mass scale

OPAL Collaboration · G. Abbiendi et al. (May. 2001)

Published in Eur.Phys.J. C 21 (2001) 411 422 + Print: hep-ex/0105046 [hep-ex]

PDF | eprints | datasets | 41 citations

Search for single leptoquark and squark production in electron photon scattering at sqrt(s) = 189-GeV at LEP

OPAL Collaboration · G. Abbiendi et al. (May. 2001)

Published in Eur.Phys.J. C 21 (2001) 1 11 + Print: hep-ex/0106031 [hep-ex]

PDF | eprints | datasets | 12 citations

Measurement of the branching ratio for D(s) -> tau anti-tau(tau) decays

OPAL Collaboration · G. Abbiendi et al. (May. 2001)

Published in Phys.Lett.B 516 (2001) 296 306 + Print: hep-ex/0106012 [hep-ex]

PDF | eprints | datasets | 37 citations

Sub-ppm laser spectroscopy of antiprotonic helium and a CPT-violation limit on the antiprotonic charge and mass

M. Hori (CERN), J. Eades (CERN), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), J. Sakaguchi (Tokyo U) et al. (Mar. 2001)

Published in Phys.Rev.Lett. 87 (2001) 052401

DOI | eprints | datasets | 82 citations

Measurement of the branching ratio for the process b -> tau tau anti-tau X

OPAL Collaboration · G. Abbiendi et al. (Mar. 2001)

Published in Eur.Phys.J. C 21 (2001) 1 11 + Print: hep-ex/0105046 [hep-ex]

PDF | eprints | datasets | 32 citations

Search for lepton flavor violation in e+e- collisions at s*(1/2) = 189-GeV + 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Mar. 2001)

Published in Phys.Lett.B 516 (2001) 1 10 + Print: hep-ex/0105046 [hep-ex]

PDF | eprints | datasets | 32 citations

Angular analysis of the muon pair asymmetry at LEP1

OPAL Collaboration · G. Abbiendi et al. (Jul. 2001)

Published in Phys.Lett.B 516 (2001) 1 10 + Print: hep-ex/0107046 [hep-ex]

PDF | eprints | datasets | 3 citations

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Multi-photon events with large missing energy in e+e- collisions at sqrt(s) = 192-GeV + 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Aug. 2004)

Published in Eur.Phys.J. C 40 (2005) 281 316 + Print: hep-ex/0503051 [hep-ex]

PDF | eprints | datasets | 142 citations

Search for neutral Higgs bosons in CP-conserving and CP-violating MSSM scenarios

OPAL Collaboration · G. Abbiendi et al. (Jul. 2004)

Published in Phys.Lett.B 602 (2004) 167 179 + Print: hep-ex/0412011 [hep-ex]

PDF | eprints | datasets | 16 citations

Search for neutral Higgs bosons in CP-conserving and CP-violating MSSM scenarios

OPAL Collaboration · G. Abbiendi et al. (Aug. 2004)

Published in Eur.Phys.J. C 37 (2004) 49 70 + Print: hep-ex/0406057 [hep-ex]

PDF | eprints | datasets | 80 citations

Study of Bose-Einstein correlations in e+e- -> W+W- gamma gamma events at LEP

OPAL Collaboration · G. Abbiendi et al. (Mar. 2004)

Published in Phys.Lett.B 576 (2004) 297 308 + Print: hep-ex/0403055 [hep-ex]

PDF | eprints | datasets | 28 citations

Scaling violations of quark and gluon jet fragmentation functions in e+e- annihilations at s*(1/2) = 91-GeV and 183-GeV to 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Mar. 2004)

Published in Eur.Phys.J. C 37 (2004) 1,25 47 + Print: hep-ex/0404026 [hep-ex]

PDF | eprints | datasets | 49 citations

Constraints on anomalous quartic gauge boson couplings from nu anti-nu gamma gamma and anti-q gamma gamma annihilation events at LEP-2

OPAL Collaboration · G. Abbiendi et al. (Feb. 2004)

Published in Phys.Rev.D 70 (2004) 032005 + Print: hep-ex/0402021 [hep-ex]

PDF | eprints | datasets | 0 citations

Measurement of the strange spectral function in hadronic tau decays

OPAL Collaboration · G. Abbiendi et al. (Feb. 2004)

Published in Eur.Phys.J. C 35 (2004) 437 455 + Print: hep-ex/0406007 [hep-ex]

PDF | eprints | datasets | 72 citations

Populations and lifetimes in the v-m + 1-2 and 3 metastable cascades of j/psi-c

M. Hori (CERN), J. Eades (CERN), E. Widmann (CERN and U. Tokyo (main)), T. Yamazaki (CERN and Wako, INEN), R.S. Hayano (U. Tokyo (main)) et al. (2004)

DOI | eprints | datasets | 0 citations

INSPIRE Search - INSPIRE

Search for stable and longlived massive charged particles in e+e- collisions at s*(1/2) = 130-GeV to 209-GeV

OPAL Collaboration · G. Abbiendi et al. (May. 2003)

Published in Phys.Lett.B 572 (2003) 9 20 + Print: hep-ex/0305031 [hep-ex]

PDF | eprints | datasets | 89 citations

Measurement of isolated prompt photon production in photon photon collisions at s(e) = s*(1/2) = 183-GeV + 209-GeV

OPAL Collaboration · G. Abbiendi et al. (May. 2003)

Published in Eur.Phys.J. C 31 (2003) 491 502 + Print: hep-ex/0305075 [hep-ex]

PDF | eprints | datasets | 12 citations

Search for the standard model Higgs boson at LEP

LEP Working Group for Higgs boson searches and ALEPH and DELPHI and L3 and OPAL Collaborations · R. Barate et al. (Mar. 2003)

Published in Phys.Lett.B 565 (2003) 61 75 + Print: hep-ex/0306030 [hep-ex]

PDF | eprints | datasets | 2,876 citations

Precise laser spectroscopy of the anti-protonic helium atom and CPT test on anti-proton mass and charge

H. Yamaguchi (Tokyo U), J. Eades, R.S. Hayano, M. Hori, D. Horvath et al. (Mar. 2003)

Published in Nucl.Phys.A 721 (2003) 473 476 - Contribution to PACM 02, hep-nucl-ex/0303006 [nucl-ex]

PDF | eprints | datasets | 1 citation

Test of noncommutative QED in the process e+e- -> gamma gamma at LEP

OPAL Collaboration · G. Abbiendi et al. (May. 2003)

Published in Phys.Lett.B 568 (2003) 181 190 + Print: hep-ex/0303053 [hep-ex]

PDF | eprints | datasets | 39 citations

Quantum tunnelling effects revealed in collisions of antiprotonic helium with hydrocarbon molecules at low temperatures

R. Jubbadi, Dolnicser, H., N. Saitoh, S. L. Barua, (Tokyo (main)), R. S. Hayano (U. Tokyo (main)), M. Hori (CERN), D. Horvath (CERN, Inst. Nucl. Res. and Budapest, RMK) et al. (2003)

Published in Chem.Phys.Lett. 379 (2003) 1,2,91 98

DOI | eprints | datasets | 0 citations

Dijet production in photon-photon collisions at s(e) = s*(1/2) from 189-GeV to 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Jan. 2003)

Published in Eur.Phys.J. C 31 (2003) 307 325 + Print: hep-ex/0301013 [hep-ex]

PDF | eprints | datasets | 54 citations

INSPIRE Search - INSPIRE

Search for nearly mass degenerate charginos and neutralinos at LEP

OPAL Collaboration · G. Abbiendi et al. (Oct. 2002)

Published in Eur.Phys.J. C 29 (2003) 479 489 + Print: hep-ex/0210043 [hep-ex]

PDF | eprints | datasets | 80 citations

Primary Populations of Metastable Antiprotonic H4e and H3e Atoms

M. Hori (CERN), J. Eades (CERN), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), J. Sakaguchi (Tokyo U) et al. (Aug. 7, 2002)

Published in Phys.Rev.Lett. 89 (2002) 093401

DOI | eprints | datasets | 37 citations

Hyperfine structure of antiprotonic helium revealed by a laser-microwave-laser resonance method

E. Widmann (Tokyo U), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), J. Sakaguchi (Tokyo U), H. Yamaguchi (Tokyo U) et al. (Jul. 14, 2002)

Published in Phys.Rev.Lett. 89 (2002) 243402 + Print: physics/0207099 [physics.atom-ph]

PDF | eprints | datasets | 45 citations

Inclusive analysis of the b quark fragmentation function in Z decays at LEP

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 29 (2003) 463 479 + Print: hep-ex/0210031 [hep-ex]

PDF | eprints | datasets | 161 citations

Search for a low mass CP odd Higgs boson in e+e- collisions with the OPAL detector at LEP-2

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Eur.Phys.J. C 27 (2002) 483 495 + Print: hep-ex/0206068 [hep-ex]

PDF | eprints | datasets | 61 citations

Measurement of neutral current four fermion production at LEP-2

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Phys.Lett.B 544 (2002) 259 273 + Print: hep-ex/0210026 [hep-ex]

PDF | eprints | datasets | 9 citations

Search for scalar top and scalar bottom quarks at LEP

OPAL Collaboration · G. Abbiendi et al. (Jul. 2002)

Published in Phys.Lett.B 545 (2002) 272 284 + Print: hep-ex/0209026 [hep-ex]

PDF | eprints | datasets | 60 citations

Measurement of the b quark forward backward asymmetry around the Z peak using an

PDF | eprints | datasets | 35 citations

INSPIRE Search - INSPIRE

Search for Z gamma gamma production in Compton scattering of quasi-real photons

OPAL Collaboration · G. Abbiendi et al. (Jul. 2001)

Published in Eur.Phys.J. C 24 (2002) 105 117 + Print: hep-ex/0107047 [hep-ex]

PDF | eprints | datasets | 6 citations

Measurement of F(bu) using hadron semileptonic decay

OPAL Collaboration · G. Abbiendi et al. (Jun. 2001)

Published in Eur.Phys.J. C 21 (2001) 399 410 + Print: hep-ex/0107016 [hep-ex]

PDF | eprints | datasets | 37 citations

Determination of the b quark mass at the Z mass scale

OPAL Collaboration · G. Abbiendi et al. (May. 2001)

Published in Eur.Phys.J. C 21 (2001) 411 422 + Print: hep-ex/0105046 [hep-ex]

PDF | eprints | datasets | 41 citations

Search for single leptoquark and squark production in electron photon scattering at sqrt(s) = 189-GeV at LEP

OPAL Collaboration · G. Abbiendi et al. (May. 2001)

Published in Eur.Phys.J. C 21 (2001) 1 11 + Print: hep-ex/0106031 [hep-ex]

PDF | eprints | datasets | 12 citations

Measurement of the branching ratio for D(s) -> tau anti-tau(tau) decays

OPAL Collaboration · G. Abbiendi et al. (May. 2001)

Published in Phys.Lett.B 516 (2001) 296 306 + Print: hep-ex/0106012 [hep-ex]

PDF | eprints | datasets | 37 citations

Sub-ppm laser spectroscopy of antiprotonic helium and a CPT-violation limit on the antiprotonic charge and mass

M. Hori (CERN), J. Eades (CERN), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), J. Sakaguchi (Tokyo U) et al. (Mar. 2001)

Published in Phys.Rev.Lett. 87 (2001) 052401

DOI | eprints | datasets | 82 citations

Measurement of the branching ratio for the process b -> tau tau anti-tau X

OPAL Collaboration · G. Abbiendi et al. (Mar. 2001)

Published in Eur.Phys.J. C 21 (2001) 1 11 + Print: hep-ex/0105046 [hep-ex]

PDF | eprints | datasets | 32 citations

Search for lepton flavor violation in e+e- collisions at s*(1/2) = 189-GeV + 209-GeV

OPAL Collaboration · G. Abbiendi et al. (Mar. 2001)

Published in Phys.Lett.B 516 (2001) 1 10 + Print: hep-ex/0105046 [hep-ex]

PDF | eprints | datasets | 32 citations

Angular analysis of the muon pair asymmetry at LEP1

OPAL Collaboration · G. Abbiendi et al. (Jul. 2001)

Published in Phys.Lett.B 516 (2001) 1 10 + Print: hep-ex/0107046 [hep-ex]

PDF | eprints | datasets | 3 citations

INSPIRE Search - INSPIRE

Study of the hyperfine structure of antiprotonic helium

J. Sakaguchi (Tokyo U), J. Eades (Tokyo U), R.S. Hayano (Tokyo U), M. Hori (CERN), D. Horvath (Wigner RCP, Budapest) et al. (2004)

Published in Nucl.Instrum.Meth.B 214 (2004) 89 93 - Contribution to LEAP 2003

DOI | eprints | datasets | 6 citations

Effects of impurity molecules on the lifetime of antiprotonic helium atoms

R. Jubbadi, Dolnicser, H., N. Saitoh, S. L. Barua, (Tokyo U), R. S. Hayano (Tokyo U), M. Hori (CERN), D. Horvath (Wigner RCP, Budapest) et al. (2004)

Published in Nucl.Instrum.Meth.B 214 (2004) 103 107 - Contribution to LEAP 2003

DOI | eprints | datasets | 0 citations

Cryogenic tunable microwave cavity at 13-GHz for hyperfine spectroscopy of antiprotonic helium

J. Sakaguchi (Tokyo U), H. Goto (Tokyo U), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), K. Suzuki (Tokyo U) et al. (2004)

Published in Nucl.Instrum.Meth.A 533 (2004) 598 611

PDF | eprints | datasets | 7 citations

Systematic study of the decay rates of antiprotonic helium atoms

J. Sakaguchi (Tokyo U), R.S. Hayano (Tokyo U), T. Ishikawa (Tokyo U), J. Sakaguchi (Tokyo U), E. Widmann (Tokyo U) et al. (Jul. 2004)

Published in Phys.Rev.A 70 (2004) 012501 + Print: physics/0401053 [physics]

PDF | eprints | datasets | 13 citations

Measurement of the partial widths of the Z into up and down type quarks

OPAL Collaboration · G. Abbiendi et al. (Dec. 2003)

Published in Phys.Lett.B 586 (2004) 167 182 + Print: hep-ex/0312043 [hep-ex]

PDF | eprints | datasets | 8 citations

W boson polarization at LEP2

OPAL Collaboration · G. Abbiendi et al. (Dec. 2003)

Published in Phys.Lett.B 585 (2004) 223 236 + Print: hep-ex/0312047 [hep-ex]

PDF | eprints | datasets | 35 citations

Search for chargino and neutralino production at s*(1/2) = 192-GeV to 209-GeV at LEP

OPAL Collaboration · G. Abbiendi et al. (Dec. 2003)

Published in Eur.Phys.J. C 35 (2004) 1 20 + Print: hep-ex/0401028 [hep-ex]

PDF | eprints | datasets | 186 citations

13020.358 FM Literature Search INSPIRE
Investigation of the decay of orbitally excited B mesons and first measurement of the branching ratio $BR(B^* \rightarrow \pi^0 \rho^0)$
OPAL Collaboration · G. Abbiendi et al. (Jul. 2000)
Published in Phys.Lett.B 493 (2000) 266-280 · e-Print: hep-ex/0010193 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 16 citations

Measurement of W^+ boson polarizations and CP violating triple gauge couplings from $W^+ W^-$ production at LEP
OPAL Collaboration · G. Abbiendi et al. (Aug. 2000)
Published in Eur.Phys.J.C 18 (2001) 229-240 · e-Print: hep-ex/0002021 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 45 citations

Measurement of triple gauge boson couplings from $W^+ W^-$ production at LEP energies up to 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Sep. 2000)
Published in Eur.Phys.J.C 19 (2001) 1-14 · e-Print: hep-ex/0009020 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 62 citations

$W^+ W^-$ production cross-section and W branching fractions in $e^+ e^-$ collisions at 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Jul. 2000)
Published in Phys.Lett.B 493 (2000) 249-265 · e-Print: hep-ex/0000019 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 71 citations

Measurement of the mass and width of the W boson in $e^+ e^-$ collisions at 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Jul. 2000)
Published in Phys.Lett.B 507 (2001) 29-45 · e-Print: hep-ex/0000618 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 42 citations

Two Higgs doublet model and model independent interpretation of neutral Higgs boson searches
OPAL Collaboration · G. Abbiendi et al. (Jul. 2000)
Published in Eur.Phys.J.C 18 (2001) 425-445 · e-Print: hep-ex/0007040 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 63 citations

A Study of one prong tau decay with a charged kaon
OPAL Collaboration · G. Abbiendi et al. (Jul. 2000)
Published in Eur.Phys.J.C 19 (2001) 653-665 · e-Print: hep-ex/0000917 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 15 citations

Measurement of the B^0 lifetime and oscillation frequency using $B^0 \rightarrow D^{*+} L^- \text{ anti-}$

13020.358 FM Literature Search INSPIRE
neutrino decays
OPAL Collaboration · G. Abbiendi et al. (Jul. 2000)
Published in Phys.Lett.B 493 (2000) 266-280 · e-Print: hep-ex/0010193 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 44 citations

A Measurement of the rate of charm production in W decays
OPAL Collaboration · G. Abbiendi et al. (Aug. 2000)
Published in Phys.Lett.B 490 (2000) 71-86 · e-Print: hep-ex/0009020 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 18 citations

Hyperfine Structure Measurements of Antiprotonic Helium and Antihydrogen
Eberhard Winkler (Tokyo U.), John Eides (CEBN, Rensselaer Polytechnic Inst.), Masaki Hori (CEBN, DePaul Univ.), N. T. Papanicolaou (CEBN, Rensselaer Polytechnic Inst.), and R. S. Stein (CEBN, Rensselaer Polytechnic Inst.)
Contributed to Hydrogen Atom in Physics of Simple Atoms Systems · e-Print: nucl-ex/0102002 [nucl-ex]
pdf | bibtex | links | DOI | cite | datasets 10 citations

Production rates of b anti- b quark pairs from gluons and b anti- b anti- b events in hadronic Z0 decays
OPAL Collaboration · G. Abbiendi et al. (May. 2000)
Published in Eur.Phys.J.C 18 (2001) 447-460 · e-Print: hep-ex/0010029 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 20 citations

Measurement of the b or Λ behavior of the photon structure function $F_2(\gamma, \text{gamma})$
OPAL Collaboration · G. Abbiendi et al. (Jan. 2000)
Published in Eur.Phys.J.C 18 (2000) 15-39 · e-Print: hep-ex/0007018 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 63 citations

Multiplicities of p_0 , K_0 and of charged particles in quark and gluon jets
OPAL Collaboration · G. Abbiendi et al. (May. 2000)
Published in Eur.Phys.J.C 17 (2000) 373-387 · e-Print: hep-ex/0007017 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 51 citations

First measurement of the inclusive branching ratio of hadrons to phi mesons in Z0 decays
OPAL Collaboration · G. Abbiendi et al. (May. 2000)
Published in Phys.Lett.B 492 (2000) 19-22 · e-Print: hep-ex/0007015 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 2 citations

Searches for prompt light gravitino signatures in $e^+ e^-$ collisions at $S^{1/2} = 189$ -GeV
OPAL Collaboration · G. Abbiendi et al. (May. 2000)
Published in Phys.Lett.B 501 (2001) 12-27 · e-Print: hep-ex/0007014 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 2 citations

13020.358 FM Literature Search INSPIRE
Search for trilinear neutral gauge boson couplings in Z^0 gamma production at $S^{1/2} = 189$ -GeV at LEP
OPAL Collaboration · G. Abbiendi et al. (May. 2000)
Published in Eur.Phys.J.C 17 (2000) 553-566 · e-Print: hep-ex/0007016 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 39 citations

A Measurement of the tau mass and the first CP test with tauleptons
OPAL Collaboration · G. Abbiendi et al. (Dec. 1999)
Published in Phys.Lett.B 492 (2000) 29-31 · e-Print: hep-ex/0005009 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 46 citations

Photonic events with missing energy in $e^+ e^-$ collisions at $S^{1/2} = 189$ -GeV
OPAL Collaboration · G. Abbiendi et al. (Apr. 2000)
Published in Eur.Phys.J.C 18 (2000) 253-272 · e-Print: hep-ex/0005002 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 127 citations

Measurement of $V(\text{cb})$ using anti- $B^0 \rightarrow D^{*+} \mu^-$ lepton-anti-neutrino decays
OPAL Collaboration · G. Abbiendi et al. (Feb. 2000)
Published in Phys.Lett.B 482 (2000) 15-20 · e-Print: hep-ex/0002031 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 78 citations

Atomic spectroscopy and collisions using slow anti-protons
ASACUSA Collaboration · T. Aizawa et al. (Jan. 2000)
pdf | bibtex | links | DOI | cite | datasets 6 citations

Z boson pair production in $e^+ e^-$ collisions at $S^{1/2} = 183$ -GeV and 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Jan. 2000)
Published in Phys.Lett.B 476 (2000) 256-272 · e-Print: hep-ex/0003016 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 39 citations

Laser spectroscopy of anti-protonic helium and stringent constraint on the anti-proton charge and mass
CERN PS205 and ASACUSA Collaborations · B.S. Heysen (Tokyo U.) et al. (2000)
Published in Nucl.Phys.A 663 (2000) 955-958 · Contribution to PANG-99
DOI | cite | datasets 1 citation

Transverse and longitudinal Bose Einstein correlations in hadronic Z0 decays
OPAL Collaboration · G. Abbiendi et al. (May. 2000)
Published in Eur.Phys.J.C 16 (2000) 423-433 · e-Print: hep-ex/0002062 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 1 citation

13020.358 FM Literature Search INSPIRE
Bose-Einstein correlations in $K^+ K^-$ pairs from Z0 decays into two hadronic jets
OPAL Collaboration · G. Abbiendi et al. (May. 2000)
Published in Phys.Lett.C 21 (2001) 23-32 · e-Print: hep-ex/0001045 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 26 citations

Search for new physics in rare B decays
OPAL Collaboration · G. Abbiendi et al. (Dec. 1999)
Published in Phys.Lett.B 476 (2000) 233-242 · e-Print: hep-ex/0000208 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 24 citations

QCD analyses and determinations of alpha(s) in $e^+ e^-$ annihilation at energies between 35-GeV and 189-GeV
JADE and OPAL Collaborations · P. Stefanescu (Aachen, Tech. Hochsch.) et al. (Dec. 1999)
Published in Eur.Phys.J.C 17 (2000) 19-31 · e-Print: hep-ex/0001050 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 110 citations

QCD studies with $e^+ e^-$ annihilation data at 172-GeV - 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Oct. 1999)
Published in Eur.Phys.J.C 16 (2000) 185-210 · e-Print: hep-ex/0002012 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 110 citations

Search for unstable heavy and excited leptons at LEP 2
OPAL Collaboration · G. Abbiendi et al. (Nov. 1999)
Published in Eur.Phys.J.C 14 (2000) 73-84 · e-Print: hep-ex/0001058 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 59 citations

Leading particle production in light flavor jets
OPAL Collaboration · G. Abbiendi et al. (Nov. 1999)
Published in Eur.Phys.J.C 15 (2000) 407-421 · e-Print: hep-ex/0001054 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 72 citations

Tau decays with neutral kaons
OPAL Collaboration · G. Abbiendi et al. (Nov. 1999)
Published in Eur.Phys.J.C 13 (2000) 213-224 · e-Print: hep-ex/99111029 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 15 citations

Inclusive production of D^{*+} mesons in photon-photon collisions at $S^{1/2}(2\gamma) = 183$ -GeV and 189-GeV and a first measurement of $F^2(\text{gamma}, \text{gamma})$
OPAL Collaboration · G. Abbiendi et al. (Nov. 1999)
pdf | bibtex | links | DOI | cite | datasets 6 citations

13020.358 FM Literature Search INSPIRE
Measurements of $R(b)$, $A^{\text{FB}}(F_B)$ and $A^{\text{FB}}(F_B)$ in $e^+ e^-$ collisions at 130-GeV - 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Nov. 1999)
Published in Eur.Phys.J.C 16 (2000) 41-60 · e-Print: hep-ex/0002024 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 28 citations

Measurement of the $W^+ W^-$ cross-section and first direct limits on anomalous electroweak quartic couplings
OPAL Collaboration · G. Abbiendi et al. (Sep. 1999)
Published in Phys.Lett.B 471 (1999) 293-307 · e-Print: hep-ex/9910669 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 62 citations

Search for anomalous production of acoplanar di-lepton events in $e^+ e^-$ collisions at $S^{1/2} = 183$ -GeV and 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Sep. 1999)
Published in Eur.Phys.J.C 14 (2000) 51-71 · e-Print: hep-ex/9909025 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 27 citations

Search for charmonium and neutralino production at $S^{1/2} = 189$ -GeV at LEP
OPAL Collaboration · G. Abbiendi et al. (Sep. 1999)
Published in Eur.Phys.J.C 14 (2000) 187-198, Eur.Phys.J.C 16 (2000) 707 (erratum) · e-Print: hep-ex/9905051 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 36 citations

Precision luminosity for D0 line shape measurements with a silicon tungsten calorimeter
OPAL Collaboration · G. Abbiendi et al. (Sep. 1999)
Published in Eur.Phys.J.C 14 (2000) 373-425 · e-Print: hep-ex/9910066 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 82 citations

Search for pair produced leptoquarks in $e^+ e^-$ interactions at $S^{1/2}$ approximately 183-GeV
OPAL Collaboration · G. Abbiendi et al. (Jul. 1999)
Published in Eur.Phys.J.C 13 (2000) 15-27 · e-Print: hep-ex/9908007 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 16 citations

Multiphoton production in $e^+ e^-$ collisions at $S^{1/2} = 189$ -GeV
OPAL Collaboration · G. Abbiendi et al. (Jul. 1999)
Published in Phys.Lett.B 465 (1999) 303-314 · e-Print: hep-ex/9907064 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 35 citations

13020.358 FM Literature Search INSPIRE
A Study of three prong tau decays with charged kaons
OPAL Collaboration · G. Abbiendi et al. (Jul. 1999)
Published in Eur.Phys.J.C 13 (2000) 193-212 · e-Print: hep-ex/9906013 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 47 citations

Search for neutral Higgs bosons in $e^+ e^-$ collisions at $S^{1/2}$ approximately equals 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Jul. 1999)
Published in Eur.Phys.J.C 12 (2000) 567-586 · e-Print: hep-ex/9906020 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 51 citations

Measurement of the production rate of charm quark pairs from gluons in hadronic Z0 decays
OPAL Collaboration · G. Abbiendi et al. (Jul. 1999)
Published in Eur.Phys.J.C 13 (2000) 1-19 · e-Print: hep-ex/9906001 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 51 citations

Tests of the standard model and constraints on new physics from measurements of fermion pair production at 189-GeV at LEP
OPAL Collaboration · G. Abbiendi et al. (Jul. 1999)
Published in Eur.Phys.J.C 13 (2000) 553-572 · e-Print: hep-ex/9906008 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 115 citations

Total hadronic cross-section of photon-photon interactions at LEP
OPAL Collaboration · G. Abbiendi et al. (Jul. 1999)
Published in Eur.Phys.J.C 14 (2000) 199-212 · e-Print: hep-ex/9906039 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 47 citations

Measurements of inclusive semileptonic branching fractions of b hadrons in Z0 decays
OPAL Collaboration · G. Abbiendi et al. (Jun. 1999)
Published in Eur.Phys.J.C 13 (2000) 225-240 · e-Print: hep-ex/9906041 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 40 citations

A Study of B0(S) meson oscillation using hadronic Z0 decays containing leptons
OPAL Collaboration · G. Abbiendi et al. (Jun. 1999)
Published in Eur.Phys.J.C 11 (1999) 587-598 · e-Print: hep-ex/9907061 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 40 citations

A Study of spin alignment of rho(770) and omega(782) mesons in hadronic Z0 decays
OPAL Collaboration · G. Abbiendi et al. (Jun. 1999)
Published in Eur.Phys.J.C 16 (2000) 61-70 · e-Print: hep-ex/9906048 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 125 citations

13020.358 FM Literature Search INSPIRE
Search for Higgs bosons and other massive states decaying into two photons in $e^+ e^-$ collisions at 189-GeV
OPAL Collaboration · G. Abbiendi et al. (Jun. 1999)
Published in Phys.Lett.B 464 (1999) 311-322 · e-Print: hep-ex/9907060 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 25 citations

Search for R-parity violating decays of scalar fermions at LEP
OPAL Collaboration · G. Abbiendi et al. (May. 1999)
Published in Eur.Phys.J.C 12 (2000) 1-24 · e-Print: hep-ex/9904015 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 22 citations

Test of the heavy independence of alpha(s) using next-to-leading order calculations for heavy quarks
OPAL Collaboration · G. Abbiendi et al. (May. 1999)
Published in Eur.Phys.J.C 11 (1999) 643-659 · e-Print: hep-ex/9904013 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 34 citations

Search for scalar top and scalar bottom quarks at $S^{1/2} = 189$ -GeV at LEP
OPAL Collaboration · G. Abbiendi et al. (May. 1999)
Published in Phys.Lett.B 456 (1999) 95-106 · e-Print: hep-ex/9903070 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 57 citations

Experimental properties of gluon and quark jets from a point source
OPAL Collaboration · G. Abbiendi et al. (Apr. 1999)
Published in Eur.Phys.J.C 11 (1999) 217-238 · e-Print: hep-ex/9903027 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 120 citations

Measurements of the QED structure of the photon
OPAL Collaboration · G. Abbiendi et al. (Apr. 1999)
Published in Eur.Phys.J.C 11 (1999) 409-425 · e-Print: hep-ex/9902044 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 22 citations

Intermittency and correlations in hadronic Z0 decays
OPAL Collaboration · G. Abbiendi et al. (Apr. 1999)
Published in Eur.Phys.J.C 11 (1999) 239-250 · e-Print: hep-ex/9902021 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 39 citations

Measurement of the W mass and width in $e^+ e^-$ collisions at 183-GeV
OPAL Collaboration · G. Abbiendi et al. (Dec. 1998)
pdf | bibtex | links | DOI | cite | datasets 6 citations

13020.358 FM Literature Search INSPIRE
Color reconnection studies in $e^+ e^- \rightarrow W^+ W^- S^{1/2} = 183$ -GeV
OPAL Collaboration · G. Abbiendi et al. (Nov. 1999)
Published in Phys.Lett.B 453 (1999) 153-168 · e-Print: hep-ex/9901019 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 35 citations

Measurement of the B^+ and B^0 lifetimes and search for CP(T) violation using reconstructed secondary vertices
OPAL Collaboration · G. Abbiendi et al. (Dec. 1998)
Published in Eur.Phys.J.C 12 (2000) 609-626 · e-Print: hep-ex/9901017 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 66 citations

Searches for R-parity violating decays of gauginos at 183-GeV at LEP
OPAL Collaboration · G. Abbiendi et al. (Dec. 1998)
Published in Eur.Phys.J.C 11 (1999) 619-642 · e-Print: hep-ex/9901037 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 29 citations

A Measurement of the proton branching ratio $(b \rightarrow \text{Lambda} b) \text{BR}(\text{Lambda} b) \rightarrow \text{Lambda} X$ in Z0 decays
OPAL Collaboration · G. Abbiendi et al. (Nov. 1998)
Published in Phys.Lett.B 447 (1999) 138-146 · e-Print: hep-ex/9812018 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 6 citations

A Measurement of the tau $\rightarrow \nu_e e^+ e^-$ anti-neutrino(e) neutrino(tau) branching ratio
OPAL Collaboration · G. Abbiendi et al. (Nov. 1998)
Published in Phys.Lett.B 447 (1999) 138-146 · e-Print: hep-ex/9812017 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 27 citations

Search for baryon and lepton number violating Z0 decays
OPAL Collaboration · G. Abbiendi et al. (Nov. 1998)
Published in Phys.Lett.B 447 (1999) 157-166 · e-Print: hep-ex/9901011 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 6 citations

Bose-Einstein correlations in $K^+ e^- \rightarrow W^+ W^-$ at 172-GeV and 183-GeV
OPAL Collaboration · G. Abbiendi et al. (Nov. 1998)
Published in Phys.Lett.B 447 (1999) 559-571 · e-Print: hep-ex/9811030 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 34 citations

$W^+ W^-$ production and triple gauge boson couplings at LEP energies up to 183-GeV
DOI | cite | datasets 46 citations

13020.358 FM Literature Search INSPIRE
Search for Higgs bosons in $e^+ e^-$ collisions at 183-GeV
OPAL Collaboration · G. Abbiendi et al. (Oct. 1998)
Published in Eur.Phys.J.C 8 (1999) 191-215 · e-Print: hep-ex/9811028 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 89 citations

Search for Higgs bosons in $e^+ e^-$ collisions at 183-GeV
OPAL Collaboration · G. Abbiendi et al. (Oct. 1998)
Published in Eur.Phys.J.C 7 (1999) 407-435 · e-Print: hep-ex/9811025 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 119 citations

Search for anomalous photonic events with missing energy in $e^+ e^-$ collisions at $\sqrt{s} = 130, 136$ and 183 GeV
OPAL Collaboration · G. Abbiendi et al. (Sep. 1998)
Published in Eur.Phys.J.C 8 (1999) 29-40 · e-Print: hep-ex/9810023 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 58 citations

High precision laser measurements of the density shifts of resonance lines in antiprotonic helium atoms and stringent constraint on the anti-proton charge and mass
S. A. Tar (Tokyo U.), R.S. Heysen (Tokyo U.), N. T. Papanicolaou (Tokyo U.), M. Koehn (Kern- & Molecular Soc.) et al. (Sep. 1998)
Published in Phys.Rev.A 59 (1999) 223-229
DOI | cite | datasets 50 citations

A Measurement of $R(b)$ using a double tagging method
OPAL Collaboration · G. Abbiendi et al. (Aug. 1998)
Published in Eur.Phys.J.C 8 (1999) 217-239 · e-Print: hep-ex/9810002 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 82 citations

Search for charmonium and neutralino production at $S^{1/2} = 181$ -GeV - 184-GeV at LEP
OPAL Collaboration · G. Abbiendi et al. (Aug. 1998)
Published in Eur.Phys.J.C 8 (1999) 255-272 · e-Print: hep-ex/9809031 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 34 citations

Measurement of the semileptonic branching ratio of charm hadrons produced in $Z^0 \rightarrow b$ anti- b decays
OPAL Collaboration · G. Abbiendi et al. (Aug. 1998)
Published in Eur.Phys.J.C 8 (1999) 573-584 · e-Print: hep-ex/9810016 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 26 citations

Dijet production in photon-photon collisions at $S^{1/2}(\gamma\gamma) = 161$ -GeV and 172-GeV
OPAL Collaboration · G. Abbiendi et al. (Jul. 1998)
Published in Eur.Phys.J.C 10 (1999) 547-561 · e-Print: hep-ex/9808027 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 125 citations

13020.358 FM Literature Search INSPIRE
A Study of parton fragmentation in hadronic Z0 decays using Lambda anti-Lambda correlations
OPAL Collaboration · G. Abbiendi et al. (Jul. 1998)
Published in Eur.Phys.J.C 13 (2000) 185-195 · e-Print: hep-ex/9808031 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 14 citations

Measurement of the longitudinal cross-section using the direction of the thrust axis in hadronic events at LEP
OPAL Collaboration · G. Abbiendi et al. (Jul. 1998)
Published in Phys.Lett.B 440 (1998) 303-402 · e-Print: hep-ex/9808035 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 9 citations

First measurement of Z/gamma* production in Compton scattering of quasar photons
OPAL Collaboration · G. Abbiendi et al. (Jul. 1998)
Published in Phys.Lett.B 438 (1998) 391-404 · e-Print: hep-ex/9808036 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 11 citations

Measurement of the average polarization of b bar quarks in hadronic Z0 decays
OPAL Collaboration · G. Abbiendi et al. (Jul. 1998)
Published in Phys.Lett.B 444 (1998) 539-554 · e-Print: hep-ex/9808036 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 48 citations

Search for scalar top and scalar bottom quarks at $S^{1/2} = 183$ -GeV at LEP
OPAL Collaboration · G. Abbiendi et al. (Jul. 1998)
Published in Eur.Phys.J.C 5 (1999) 225-238 · e-Print: hep-ex/9808026 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 29 citations

Production of chi(0) mesons in photon-photon collisions at LEP
OPAL Collaboration · G. Abbiendi et al. (Jul. 1998)
Published in Phys.Lett.B 439 (1998) 197-208 · e-Print: hep-ex/9808025 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 24 citations

Tests of the standard model and constraints on new physics from measurements of fermion pair production at 183-GeV at LEP
OPAL Collaboration · G. Abbiendi et al. (Jul. 1998)
Published in Eur.Phys.J.C 5 (1999) 1-18 · e-Print: hep-ex/9808023 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 147 citations

Search for coplanar lepton pair events in $e^+ e^-$ collisions at $S^{1/2} = 161$ -GeV, 172-GeV
DOI | cite | datasets 25 citations

13020.358 FM Literature Search INSPIRE
Multiphoton production in $e^+ e^-$ collisions at $S^{1/2} = 183$ -GeV
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Phys.Lett.B 438 (1998) 379-390 · e-Print: hep-ex/9808012 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 9 citations

Measurement of tau branching ratios to five charged hadrons
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Eur.Phys.J.C 8 (1999) 183-189 · e-Print: hep-ex/9808011 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 23 citations

Measurement of the strong coupling constant alpha(s) and the vector and axial vector spectral functions in hadronic tau decays
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Eur.Phys.J.C 7 (1999) 571-593 · e-Print: hep-ex/9808019 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 49 citations

Measurement of the Michel parameters in leptonic tau decays
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Eur.Phys.J.C 5 (1999) 3-21 · e-Print: hep-ex/9808016 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 36 citations

Search for Higgs bosons and new particles decaying into two photons at $S^{1/2} = 183$ -GeV
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Phys.Lett.B 437 (1998) 118-230 · e-Print: hep-ex/9808014 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 39 citations

Inclusive production of charged hadrons and K0(S) mesons in photon-photon collisions
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Eur.Phys.J.C 5 (1999) 253-264 · e-Print: hep-ex/9808009 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 37 citations

This scintillating tiles with high light yield for the OPAL detectors
S. Agliotis (CEBN, B. Anderson (University College London), D.J. Arlett (University of London), A.H. Bell (Maryland U.), R. Bard (Maryland U.) et al. (May. 1998)
Published in Nucl.Instrum.Meth.A 417 (1998) 266-277

13020.358 FM Literature Search INSPIRE
Bose-Einstein correlations of three charged pions in hadronic Z0 decays
OPAL Collaboration · K. Ackersstaff et al. (May. 1998)
Published in Phys.Lett.C 5 (1998) 239-248 · e-Print: hep-ex/9806036 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 28 citations

Measurements of flavor dependent fragmentation functions in Z0 - q anti-q events
OPAL Collaboration · K. Ackersstaff et al. (May. 1998)
Published in Eur.Phys.J.C 7 (1999) 369-381 · e-Print: hep-ex/9807004 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 72 citations

An Upper limit for the tau-neutrino mass from tau -> S-pi+ tau-neutrino decays
OPAL Collaboration · K. Ackersstaff et al. (Apr. 1998)
Published in Eur.Phys.J.C 5 (1998) 229-237 · e-Print: hep-ex/9806033 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 16 citations

Photon and light meson production in hadronic Z0 decays
OPAL Collaboration · K. Ackersstaff et al. (Apr. 1998)
Published in Eur.Phys.J.C 5 (1998) 411-427 · e-Print: hep-ex/9805011 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 68 citations

Search for stable and long-lived massive charged particles in $e^+ e^-$ collisions at $S^{1/2} = 130$ -GeV - 183-GeV
OPAL Collaboration · K. Ackersstaff et al. (Mar. 1998)
Published in Phys.Lett.B 433 (1999) 195-200 · e-Print: hep-ex/9803026 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 41 citations

An Upper limit on the anomalous magnetic moment of the tau lepton
OPAL Collaboration · K. Ackersstaff et al. (Mar. 1998)
Published in Phys.Lett.B 431 (1998) 188-196 · e-Print: hep-ex/9803020 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 67 citations

Production of K0(S) and Lambda in quark and gluon jets from Z0 decay
OPAL Collaboration · K. Ackersstaff et al. (Mar. 1998)
Published in Eur.Phys.J.C 5 (1998) 241-254 · e-Print: hep-ex/9805025 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 24 citations

A Search for neutral Higgs bosons in the MSSM and models with two scalar field doublets
OPAL Collaboration · K. Ackersstaff et al. (Feb. 1998)
Published in Eur.Phys.J.C 5 (1998) 19-40 · e-Print: hep-ex/9803019 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 125 citations

13020.358 FM Literature Search INSPIRE
Determination of the production rate of D0 mesons and of the ratio V/(V+P) in Z0 -> anti-c decays
OPAL Collaboration · K. Ackersstaff et al. (Feb. 1998)
Published in Eur.Phys.J.C 5 (1998) 1-7 · e-Print: hep-ex/9802008 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 32 citations

Laser spectroscopic studies of state-dependent semileptonic quenching of the lifetimes of metastable antiprotonic helium atoms
M. Hori (Tokyo U.), N. T. Papanicolaou (Tokyo U.), S. Heysen (Tokyo U.), T. Uehara (Tokyo U.), E. M. Mates (Tokyo U.) et al. (1998)
Published in Phys.Rev.A 57 (1998) 1698-1712, Phys.Rev.A 58 (1998) 1612 (erratum)
DOI | cite | datasets 34 citations

Search for an excess in the production of four jet events from $e^+ e^-$ collisions at $S^{1/2} = 130$ -GeV - 184-GeV
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Phys.Lett.B 429 (1998) 399-413 · e-Print: hep-ex/9802015 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 9 citations

Production of f(0)(980), f2(1270) and phi(1020) in hadronic Z0 decay
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Eur.Phys.J.C 4 (1998) 19-28 · e-Print: hep-ex/9802013 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 46 citations

Investigation of CP violation in $B^0 \rightarrow J/\psi K_S^0$ decays at LEP
OPAL Collaboration · K. Ackersstaff et al. (Jan. 1998)
Published in Eur.Phys.J.C 5 (1998) 379-388 · e-Print: hep-ex/9801022 [hep-ex]
pdf | bibtex | links | DOI | cite | datasets 102 citations

Laser spectroscopy of metastable states in the $u\bar{c}$ cascade of antiprotonic He
F. Hentschel (Munich, Tech. U.), U. Eidelinger (Munich, Tech. U.), M. Maier (Munich, Tech. U.), R. Pohl (Munich, Tech. U.), T. Vogt (Munich, Tech. U.) et al. (1998)
Published in Phys.Rev.A 58 (1998) 5, 3604-3610
DOI | cite | datasets 6 citations

Influence of oxygen admixtures on the lifetime of metastable antiprotonic helium atoms
R. Pohl (Munich, Tech. U.), U. Eidelinger (Munich, Tech. U.), B. Metzner (Munich, Tech. U.), M. Maier (Munich, Tech. U.), T. Vogt (Munich, Tech. U.)

INSPIRE Search INSPIRE

23020L 230M Literature Search INSPIRE

Production of P wave charm and charm - strange mesons in hadronic Z⁰ decays
OPAL Collaboration · K. Ackermann et al. (Apr. 1997)
Published in *Z Phys C76* (1997) 425-440
DOI PDF OAI Cite Data Sets Citations

A Measurement of the B_s⁰ lifetime using reconstructed D_s⁻ mesons
OPAL Collaboration · K. Ackermann et al. (Jul. 1997)
Published in *Eur Phys J C2* (1998) 447-472 · e-Print: hep-ex/9708023 [hep-ex]
DOI PDF OAI Cite Data Sets Citations

An Updated study of B meson oscillations using dipion events
OPAL Collaboration · K. Ackermann et al. (Jan. 1997)
Published in *Z Phys C76* (1997) 417-423 · e-Print: hep-ex/9707010 [hep-ex]
DOI PDF OAI Cite Data Sets Citations

Search for charmonium and neutralino production at $\sqrt{s} = 170\text{-GeV}$ and 172-GeV at LEP
OPAL Collaboration · K. Ackermann et al. (Jan. 1997)
Published in *Eur Phys J C2* (1998) 213-226 · e-Print: hep-ex/9708018 [hep-ex]
DOI PDF OAI Cite Data Sets Citations

Measurement of the branching fractions and forward - backward asymmetries of the Z0 into light quarks
OPAL Collaboration · K. Ackermann et al. (Jan. 1997)
Published in *Z Phys C75* (1997) 387-405 · e-Print: hep-ex/9707019 [hep-ex]
DOI PDF OAI Cite Data Sets Citations

An Upper limit on the branching ratio for tau decays into seven charged particles
OPAL Collaboration · K. Ackermann et al. (Mar. 1997)
Published in *Phys Lett B404* (1997) 213-222 · e-Print: hep-ex/9707023 [hep-ex]
DOI PDF OAI Cite Data Sets Citations

A Study of B meson oscillations using hadronic Z⁰ decays containing leptons
OPAL Collaboration · K. Ackermann et al. (Apr. 1997)
Published in *Z Phys C76* (1997) 433-435 · e-Print: hep-ex/9707000 [hep-ex]
DOI PDF OAI Cite Data Sets Citations

Search for scalar top and scalar bottom quarks at $\sqrt{s} = 170\text{-GeV}$ - 172-GeV in e⁺e⁻ collisions
OPAL Collaboration · K. Ackermann et al. (Apr. 1997)
Published in *Z Phys C75* (1997) 409-420
DOI PDF OAI Cite Data Sets Citations

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A Measurement of the average bottom hadron lifetime
OPAL Collaboration · K. Ackermann et al. (Oct. 1996)
Published in *Z Phys C73* (1997) 397-408
DOI PDF OAI Cite Data Sets Citations

Measurement of the QED longitudinal structure function of the photon using azimuthal correlations at LEP
OPAL Collaboration · K. Ackermann et al. (Oct. 1996)
Published in *Z Phys C74* (1997) 49-55
DOI PDF OAI Cite Data Sets Citations

High precision structural studies of the anti-protonic Helium atom anti-p-He-4+ by observing laser resonances with Delta (v) = Delta (n-l-1) = 2
PS205 Collaboration · T. Yamazaki (CEIN et al. (Oct. 1996)
Published in *Phys Rev A55* (1997) 82005
DOI PDF OAI Cite Data Sets Citations

Search for excited leptons in e+ e- collisions at s(1/2) = 161-GeV**
OPAL Collaboration · K. Ackermann et al. (Oct. 1996)
Published in *Phys Lett B391* (1997) 197-209
DOI PDF OAI Cite Data Sets Citations

Search for charmonium and neutralino production in e+ e- collisions at $\sqrt{s} = 161\text{-GeV}$
OPAL Collaboration · K. Ackermann et al. (Oct. 1996)
Published in *Phys Lett B389* (1996) 616-630
DOI PDF OAI Cite Data Sets Citations

Anti-hydrogen production and precision experiments
OPAL Collaboration · M.H. Hecht (Munich, Tech. U. (Oct. 1996)
Published in *Nucl Phys B Proc Suppl 56* (1997) 336-348 · Contribution to 4th Biennial Conference on Low-energy Antiproton Physics (LEAP-56), 336-348
DOI PDF OAI Cite Data Sets Citations

Measurement of the mass of the W' boson in e+ e- collisions at S(1/2) = 161-GeV**
OPAL Collaboration · K. Ackermann et al. (Oct. 1996)
Published in *Phys Lett B389* (1996) 416-428
DOI PDF OAI Cite Data Sets Citations

Search for unstable neutral and charged heavy leptons in e+ e- collisions at S(1/2) = 161-GeV**
OPAL Collaboration · K. Ackermann et al. (Oct. 1996)
DOI PDF OAI Cite Data Sets Citations

INSPIRE Search INSPIRE

23020L 230M Literature Search INSPIRE

Upper limit on the tau-neutrino mass from tau -> 3 h-tau-neutrino decays
OPAL Collaboration · G. Alexander et al. (Mar. 1996)
Published in *Z Phys C72* (1996) 231-238
DOI PDF OAI Cite Data Sets Citations

The instabilities of anisotropically driven developed turbulence in d-dimensional case
J. Benji (Mexico Tech. U., M. Heuch (Mexico, EPR, J. Nekrasov (Turkmenistan), D. Horvath (Budapest, Eötvös L. (Feb. 23, 1996)
DOI PDF OAI Cite Data Sets Citations

The calculation of the radial velocity pair correlation function in the model of decaying turbulence
M. Heuch (Mexico, EPR, D. Horvath (Mexico, EPR, G. Topak (Mexico Tech. U.) (Feb. 23, 1996)
DOI PDF OAI Cite Data Sets Citations

Measurement of cross-sections and asymmetries in e+ e- collisions at 130-GeV - 140-GeV center-of-mass energy
OPAL Collaboration · G. Alexander et al. (Feb. 1996)
Published in *Phys Lett B376* (1996) 252-264
DOI PDF OAI Cite Data Sets Citations

Topological search for the production of neutralinos and scalar particles
OPAL Collaboration · G. Alexander et al. (Oct. 1996)
Published in *Phys Lett B377* (1996) 273-288
DOI PDF OAI Cite Data Sets Citations

Search for charmonium and neutralino production using the OPAL detector at s(1/2) = 130-GeV - 136-GeV at LEP**
OPAL Collaboration · G. Alexander et al. (Feb. 1996)
Published in *Phys Lett B377* (1996) 181-194
DOI PDF OAI Cite Data Sets Citations

Improved measurement of the lifetime of the tau lepton
OPAL Collaboration · G. Alexander et al. (Feb. 1996)
Published in *Phys Lett B374* (1996) 341-350
DOI PDF OAI Cite Data Sets Citations

Analog measurement of delayed anti-proton annihilation time spectra in a high intensity pulsed anti-proton beam
DOI PDF OAI Cite Data Sets Citations

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First investigation of metastable states in anti-protonic helium atoms by laser spectroscopy: Interim report on PS205 run 1993
PS205 Collaboration · F. Maas (Tokyo U. et al. (Jan. 1994)
DOI PDF OAI Cite Data Sets Citations

Low-energy γ beam from the PSI antiproton
E. Scaife (PSI, Villigen), S. Vilgelm, D. Horvath (PSI, Villigen), F. Kottmann (PSI, Villigen), J. Miesner (PSI, Villigen) et al. (Dec. 1, 1993)
Published in *Hyperfine Interact. 76* (1993) 1, 273-280 · Contribution to Antiproton Workshop, 273-280
DOI PDF OAI Cite Data Sets Citations

First observation of laser induced resonant annihilation in metastable anti-protonic helium atoms
N. Morita (Aichi, Inst. Molecular Sci.), M. Kamakura (Aichi, Inst. Molecular Sci.), T. Yamazaki (NG, Tokyo), E. Mörner (DE, Trarup), S. Masuda (NG, Tokyo) et al. (Nov. 1992)
Published in *Phys Rev Lett 72* (1994) 1180-1183
DOI PDF OAI Cite Data Sets Citations

Precision measurement of the energies and line shapes of anti-protonic Lyman and Balmer transitions from hydrogen and helium isotopes: Addendum to proposal CERN/PS/CC/90-9/P124
G.L. Borchert (Aich, Forschungszentrum), M. Eibek (Aich, Forschungszentrum), D. Gotta (Aich, Forschungszentrum), D. Bähr-Schäfer (Aich, Forschungszentrum), M.L. Steiner (PSI, Villigen) et al. (Jul. 1993)
DOI PDF OAI Cite Data Sets Citations

Weak radiative decay Lambdas -> n gamma and the radiative capture reaction K+ p -> Sigma (1385) gamma.
F.O. Jochen (New Mexico U.), A.J. Noble (British Columbia U.), B. Bassalock (New Mexico U.), H. Burkhardt (Netherlands U.), W.J. Fickinger (Case Western Reserve U.) et al. (Nov. 1992)
Published in *Phys Rev D7* (1993) 799-810
DOI PDF OAI Cite Data Sets Citations

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QCQ studies with e+ e- annihilation data at 161-GeV
OPAL Collaboration · K. Ackermann et al. (Feb. 1997)
Published in *Z Phys C76* (1997) 393-207
links DOI PDF OAI Cite Data Sets Citations

A Measurement of the hadronic decay current and the tau-neutrino helicity in tau -> pi- pi+ pi- tau-neutrino
OPAL Collaboration · K. Ackermann et al. (Feb. 1997)
Published in *Z Phys C76* (1997) 389-405
DOI PDF OAI Cite Data Sets Citations

Antihydrogen production and precision experiments. The ATHENA collaboration
ATHENA Collaboration · M.H. Hecht (Munich, Tech. U. (Nov. 1997)
Published in *Hyperfine Interact. 103* (1997) 1-4, 1-32 · Contribution to International Workshop on Antiprotonic Atoms and Antiprotonic Atom Spectroscopy, 1-32
DOI PDF OAI Cite Data Sets Citations

Measurements of the b quark forward - backward asymmetry around the Z0 peak using jet charge and vertex charge
OPAL Collaboration · K. Ackermann et al. (Jan. 1997)
Published in *Z Phys C76* (1997) 385-396
DOI PDF OAI Cite Data Sets Citations

Study of phi (2020), D*+ and B* spin alignment in hadronic Z0 decays
OPAL Collaboration · K. Ackermann et al. (Jan. 1997)
Published in *Z Phys C74* (1997) 479-489
links DOI PDF OAI Cite Data Sets Citations

Measurement of the triple gauge boson coupling α (w/ from W+ W- production in e+ e- collisions at $\sqrt{s} = 161\text{-GeV}$
OPAL Collaboration · K. Ackermann et al. (Jan. 1997)
Published in *Phys Lett B393* (1997) 143-157
DOI PDF OAI Cite Data Sets Citations

Instrumentation for laser-induced annihilation spectroscopy of metastable anti-protonic helium atoms
DOI PDF OAI Cite Data Sets Citations

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23020L 230M Literature Search INSPIRE

Search for scalar top and scalar bottom quarks using the OPAL detector at LEP
OPAL Collaboration · K. Ackermann et al. (Oct. 1996)
Published in *Phys Lett B389* (1996) 197-210
DOI PDF OAI Cite Data Sets Citations

Observation of double-resonant laser-induced transitions in the n = n-1 -l-1-2 metastable cascade of anti-protonic He-4 atoms
PS205 Collaboration · R.S. Heyano (Tokyo U. et al. (Sep. 1996)
Published in *Phys Rev A55* (1997) 1, 81-84
DOI PDF OAI Cite Data Sets Citations

Inclusive jet production in photon-photon collisions at $\sqrt{s} = 130\text{-GeV}$ and 136-GeV
OPAL Collaboration · K. Ackermann et al. (Sep. 1996)
Published in *Z Phys C73* (1997) 433-442
DOI PDF OAI Cite Data Sets Citations

Test of QCD analytic predictions for the multiplicity ratio between gluon and quark jets
OPAL Collaboration · G. Alexander et al. (Aug. 1996)
Published in *Phys Lett B388* (1996) 659-672
DOI PDF OAI Cite Data Sets Citations

Search for neutral Higgs bosons in Z⁰ decays using the OPAL detector at LEP
OPAL Collaboration · G. Alexander et al. (Aug. 1996)
Published in *Z Phys C73* (1997) 189-199
DOI PDF OAI Cite Data Sets Citations

Measurement of the branching fraction of the radiative decay tau -> nu tau anti-muon-neutrino gamma
OPAL Collaboration · G. Alexander et al. (Aug. 1996)
Published in *Phys Lett B388* (1996) 437-449
DOI PDF OAI Cite Data Sets Citations

A Measurement of the charm and bottom forward - backward asymmetries using D mesons at LEP
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Z Phys C73* (1997) 379-395
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Multiplicity dependence of Bose-Einstein correlations in hadronic Z0 decays
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Z Phys C72* (1996) 389-398
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Search for a narrow resonance in Z0 decays into hadrons and isolated photons
OPAL Collaboration · G. Alexander et al. (Dec. 1995)
Published in *Z Phys C71* (1996) 1-10
DOI PDF OAI Cite Data Sets Citations

Search for charged Higgs bosons using the OPAL detector at LEP
OPAL Collaboration · G. Alexander et al. (Dec. 1995)
Published in *Phys Lett B370* (1996) 174-184
DOI PDF OAI Cite Data Sets Citations

Observation of Upsilon production in hadronic Z0 decays
OPAL Collaboration · G. Alexander et al. (Dec. 1995)
Published in *Phys Lett B370* (1996) 185-194
DOI PDF OAI Cite Data Sets Citations

Measurement of the heavy quark forward - backward asymmetries and average J/psi mixing using leptons in multi-hadronic events
OPAL Collaboration · G. Alexander et al. (Dec. 1995)
Published in *Z Phys C70* (1996) 357-370
DOI PDF OAI Cite Data Sets Citations

Isotope effects on delayed annihilation time spectra of anti-protonic helium atoms in low temperature gas
PS205 Collaboration · B. Ketzner (Munich, Tech. U. et al. (Nov. 1995)
Published in *Phys Rev A53* (1996) 2108-2117
DOI PDF OAI Cite Data Sets Citations

Test of the exponential decay law at short decay times using τ leptons
OPAL Collaboration · G. Alexander et al. (Nov. 1995)
Published in *Phys Lett B368* (1995) 244-250
DOI PDF OAI Cite Data Sets Citations

Laser-induced resonant transition at 470.724 nm in the v-m=1-1-2 cascade of metastable anti-protonic helium atoms
F.L. Maas (Tokyo U.), R.S. Heyano (Tokyo U.), T. Ishikawa (Tokyo U.), H. Tamura (Tokyo U.), H.A. Torii (Tokyo U.) et al. (Nov. 1995)
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Anti-hydrogen formation and spectroscopy at LEAR: Memorandum to the CERN SPLS Committee

M. Charlton (University Coll London), J. Eades (CEIN), D. Horvath (Budapest, RMK) and NFN, P.J., B.J. Hughes (Los Alamos) (Aug. 1992)
DOI PDF OAI Cite Data Sets Citations

Measurement of the Lambdas -> n+ gamma branching ratio
A.J. Noble, G.L. Larson, B. Bassalock, W.J. Fickinger, J.R. Sjaft et al. (Jul. 1992)
Published in *Phys Rev Lett 68* (1992) 413-417
DOI PDF OAI Cite Data Sets Citations

Preliminary results on the antiproton at LEAR
DOI PDF OAI Cite Data Sets Citations

INSPIRE Search INSPIRE

23020L 230M Literature Search INSPIRE

Interaction of antiprotonic helium atoms with H-2 molecules
B. Ketzner (Munich, Tech. U.), S.J. Mitchell (Munich, Tech. U.), T. von Egidy (Munich, Tech. U.), C. Maier (Munich, Tech. U.), P. Mohr (Munich, Tech. U.) et al. (1997)
Published in *Nucl Instrum Meth A396* (1997) 527-571
DOI PDF OAI Cite Data Sets Citations

Laser resonance studies of the interactions of metastable antiprotonic helium atoms $\mu^+\text{He}^+$ with surrounding H2 molecules
PS205 Collaboration · T. Yamazaki (CEIN et al. (1997)
Published in *Chin Phys Lett 24* (1997) 1, 127-144
DOI PDF OAI Cite Data Sets Citations

Search for charged scalar leptons using the OPAL detector at s(1/2) = 161-GeV**
OPAL Collaboration · K. Ackermann et al. (Dec. 1996)
Published in *Phys Lett B396* (1997) 301-314
DOI PDF OAI Cite Data Sets Citations

B⁺ production in Z0 decays
OPAL Collaboration · K. Ackermann et al. (Dec. 1996)
Published in *Z Phys C74* (1997) 413-423
links DOI PDF OAI Cite Data Sets Citations

Search for CP violation in Z0 -> tau+ tau- and an upper limit on the weak dipole moment of the tau lepton
OPAL Collaboration · K. Ackermann et al. (Dec. 1996)
Published in *Z Phys C74* (1997) 409-412
DOI PDF OAI Cite Data Sets Citations

Hydrogen-Assisted Laser-Induced Resonant Transitions between Metastable States of Antiprotonic Helium Atoms
PS205 Collaboration · B. Ketzner (Munich, Tech. U. et al. (Nov. 1996)
Published in *Phys Rev Lett 78* (1997) 9, 1671-1674
DOI PDF OAI Cite Data Sets Citations

An Improved measurement of R(t) using a double tagging method
OPAL Collaboration · K. Ackermann et al. (Nov. 1996)
DOI PDF OAI Cite Data Sets Citations

INSPIRE Search INSPIRE

23020L 230M Literature Search INSPIRE

Strange baryon production in hadronic Z0 decays
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Z Phys C73* (1997) 569-586
links DOI PDF OAI Cite Data Sets Citations

Search for excited leptons in e+ e- collisions at s(1/2) = 130-GeV and 136-GeV**
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Phys Lett B386* (1996) 463-474
DOI PDF OAI Cite Data Sets Citations

Test of the four fermion contact interaction in e+ e- collisions at 130-GeV - 140-GeV
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Phys Lett B387* (1996) 452-462
DOI PDF OAI Cite Data Sets Citations

Search for unstable neutral and charged heavy leptons in e+ e- collisions at s(1/2) = 130-GeV and 136-GeV**
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Phys Lett B385* (1996) 433-444
DOI PDF OAI Cite Data Sets Citations

Sigma+, Sigma0 and Sigma- hyperon production in hadronic Z0 decays
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Z Phys C73* (1997) 587-600
links DOI PDF OAI Cite Data Sets Citations

Searches for supersymmetric particles and anomalous four jet production at $\sqrt{s} = 130\text{-GeV}$ and 136-GeV at LEP
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Z Phys C73* (1997) 201-216
DOI PDF OAI Cite Data Sets Citations

A Measurement of the B_s⁰ oscillation frequency using leptons and D⁺ mesons
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Z Phys C72* (1996) 377-388
DOI PDF OAI Cite Data Sets Citations

Multiplicity dependence of Bose-Einstein correlations in hadronic Z0 decays
OPAL Collaboration · G. Alexander et al. (Jul. 1996)
Published in *Z Phys C72* (1996) 389-398
DOI PDF OAI Cite Data Sets Citations

INSPIRE Search INSPIRE

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Laser induced resonant transitions in the v = n - 1 - l - 1 - 2 and 3 metastable cascades of anti-protonic He-3 atoms
PS205 Collaboration · H.A. Torii (Tokyo U. et al. (Nov. 1995)
Published in *Phys Rev A53* (1996) R193-R1934
DOI PDF OAI Cite Data Sets Citations

J/psi and psi' production in hadronic Z⁰ decays
OPAL Collaboration · G. Alexander et al. (Oct. 1995)
Published in *Z Phys C70* (1996) 167-210
links DOI PDF OAI Cite Data Sets Citations

Measurement of the tau -> e+ anti-electron-neutrino tau-neutrino branching ratio
OPAL Collaboration · G. Alexander et al. (Sep. 1995)
Published in *Phys Lett B369* (1996) 163-172
DOI PDF OAI Cite Data Sets Citations

A Study of b quark fragmentation into B0 and B* mesons at LEP
OPAL Collaboration · G. Alexander (Tel Aviv U. et al. (Aug. 1995)
Published in *Phys Lett B364* (1995) 93-106
links DOI PDF OAI Cite Data Sets Citations

A Comparison of b and (uds) quark jets to gluon jets
OPAL Collaboration · G. Alexander et al. (Aug. 1995)
Published in *Z Phys C69* (1996) 543-560
DOI PDF OAI Cite Data Sets Citations

Delta++ production in hadronic Z0 decays
OPAL Collaboration · G. Alexander et al. (Jul. 1995)
Published in *Phys Lett B358* (1995) 162-172
links DOI PDF OAI Cite Data Sets Citations

The Maximal randomness principle in D-Dimensional turbulence
L.T.S. Adzhemjan (St. Petersburg State U.), M. Heuch (Dubna, JINR) and K. Kossia, E.F. M. Steiner (Dubna, JINR) and K. Kossia, E.F. (Aug. 1994)
DOI PDF OAI Cite Data Sets Citations

Theory of the randomly forced magnetohydrodynamic turbulence. Double expansion from two-dimensional theory
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Anti-hydrogen formation and spectroscopy at LEAR: Memorandum to the CERN SPLS Committee
M. Charlton (University Coll London), J. Eades (CEIN), D. Horvath (Budapest, RMK) and NFN, P.J., B.J. Hughes (Los Alamos) (Aug. 1992)
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Measurement of the Lambdas -> n+ gamma branching ratio
A.J. Noble, G.L. Larson, B. Bassalock, W.J. Fickinger, J.R. Sjaft et al. (Jul. 1992)
Published in *Phys Rev Lett 68* (1992) 413-417
DOI PDF OAI Cite Data Sets Citations

Preliminary results on the antiproton at LEAR
DOI PDF OAI Cite Data Sets Citations

INSPIRE Search INSPIRE

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Measurement of the semileptonic branching fraction of inclusive b baryon decays to Lambda
OPAL Collaboration · K. Ackermann et al. (Nov. 1996)
Published in *Z Phys C74* (1997) 17-19
DOI PDF OAI Cite Data Sets Citations

A Measurement of V(cb) using anti-B0 -> D*+ lepton-anti-lepton-neutrino decays
OPAL Collaboration · K. Ackermann et al. (Nov. 1996)
Published in *Phys Lett B395* (1997) 128-140
DOI PDF OAI Cite Data Sets Citations

Photonic events with large missing energy in e+ e- collisions at s(1/2) = 161-GeV**
OPAL Collaboration · K. Ackermann et al. (Nov. 1996)
Published in *Phys Lett B391* (1997) 210-220
DOI PDF OAI Cite Data Sets Citations

Search for the standard model Higgs boson in e+ e- collisions at s(1/2) = 161-GeV**
OPAL Collaboration · K. Ackermann et al. (Nov. 1996)
Published in *Phys Lett B393* (1997) 221-244
DOI PDF OAI Cite Data Sets Citations

Production of fermion pair events in e+ e- collisions at 161-GeV center-of-mass energy
OPAL Collaboration · K. Ackermann et al. (Nov. 1996)
Published in *Phys Lett B391* (1997) 221-234
DOI PDF OAI Cite Data Sets Citations

Analysis of hadronic final states and the photon structure function F2 (gamma) in deep inelastic electron - photon scattering at LEP
OPAL Collaboration · K. Ackermann et al. (Nov. 1996)
Published in *Z Phys C74* (1997) 43-68
DOI PDF OAI Cite Data Sets Citations

Hyperfine structure of the metastable anti-H⁻ atom revealed by a laser induced (n, l) = (27, 2) -> (28, 30) transition
E. Wöhrmann (CEIN), J. Eades (CEIN), T. Yamazaki (CEIN), H.A. Torii (Tokyo U.), R.S. Heyano (Tokyo U.) et al. (Nov. 1996)
Published in *Phys Lett B404* (1997) 15-19
DOI PDF OAI Cite Data Sets Citations

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A Precise measurement of the tau polarization and its forward - backward asymmetry at LEP
OPAL Collaboration · G. Alexander et al. (Jan. 1996)
Published in *Z Phys C72* (1996) 365-375
DOI PDF OAI Cite Data Sets Citations

A First measurement of the Lambdas anti-Lambda and Lambda Lambdas (anti-Lambda anti-Lambda) spin compositions in hadronic Z0 decays
OPAL Collaboration · G. Alexander et al. (May 1996)
Published in *Phys Lett B384* (1996) 377-387
DOI PDF OAI Cite Data Sets Citations

Prompt J/psi production in hadronic Z0 decays
OPAL Collaboration · G. Alexander et al. (May 1996)
Published in *Phys Lett B384* (1996) 343-352
DOI PDF OAI Cite Data Sets Citations

A Study of charm hadron production in Z0 -> e+ anti-c and Z0 -> b anti-b decays at LEP
OPAL Collaboration · G. Alexander et al. (Apr. 1996)
Published in *Z Phys C72* (1996) 116-116
DOI PDF OAI Cite Data Sets Citations

A Study of four fermion final states with high multiplicity at LEP
OPAL Collaboration · G. Alexander et al. (Mar. 1996)
Published in *Phys Lett B376* (1996) 315-328
DOI PDF OAI Cite Data Sets Citations

QCQ studies with e+ e- annihilation data at 130-GeV and 136-GeV
OPAL Collaboration · G. Alexander et al. (Mar. 1996)
Published in *Z Phys C72* (1996) 191-206
DOI PDF OAI Cite Data Sets Citations

Measurements with photonic events in e+ e- collisions at center-of-mass energies of 130-GeV - 140-GeV
OPAL Collaboration · G. Alexander et al. (Mar. 1996)
Published in *Phys Lett B377* (1996) 222-234
DOI PDF OAI Cite Data Sets Citations

Anti-hydrogen production and spectroscopy.
M.H. Hecht (Mexico, EPR), G. Topak (Mexico Tech. U.) et al. (Mar. 1996)
DOI PDF OAI Cite Data Sets Citations

INSPIRE Search INSPIRE

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Laser studies of the decay chain of metastable anti-protonic helium atoms
PS205 Collaboration · R.S. Heyano (Tokyo U. et al. (Apr. 1996)
Published in *Phys Rev Lett 73* (1994) 1485-1488, *Phys Rev Lett 73* (1994) 3181 (erratum)
DOI PDF OAI Cite Data Sets Citations

Deceleration of MeV antiprotons and muons to keV energies, the antiproton: A Progress report
D. Horvath (Pisa U. and INFN Pisa and Budapest, RMK), E.C. Aschauer (PSI, Villigen), D. Eisele (PSI, Villigen), D. Hauer (PSI, Villigen), John H. Miesner (PSI, Villigen) et al. (Mar. 1994)
Published in *Nucl Instrum Meth B85* (1994) 736-740
DOI PDF OAI Cite Data Sets Citations

Deceleration of 1-MeV antiprotons in low-pressure gases
D. Horvath, E.C. Aschauer, D. Casz, J. Chabert, E. Eisele et al. (Mar. 1994)
Contribution to International School of Physics of Eötvös College: *Ion-Waveguide, Exotic Atoms, Molecules and their Interactions*, 151-172
DOI PDF OAI Cite Data Sets Citations

Anti-hydrogen physics
M. Charlton (University Coll London), J. Eades (CEIN), D. Horvath (Budapest, RMK) and NFN, P.J., B.J. Hughes (Los Alamos), G. Zimmermann (CERN), M. Planck Inst. (Jan. 1994)
DOI PDF OAI Cite Data Sets Citations

Trapping of anti-protons in metastable anti-protonic helium atoms: Progress and prospects
CEIN/PS205 Collaboration · J. Eades (CEIN) et al. (1994)
Published in *Phys Atom Nucl 57* (1994) 1796-1794, *Rad. Eff.* (1994) 1809-1815
DOI PDF OAI Cite Data Sets Citations

Laser induced annihilation in anti-protonic helium atoms
F.L. Maas (Tokyo U.), R.S. Heyano (Tokyo U.), T. Ishikawa (Tokyo U.), M. Morita (Aichi, Inst. Molecular Sci.), M. Kamakura (Aichi, Inst. Molecular Sci.), T. Yamazaki (NG, Tokyo) et al. (Nov. 1992)
Contribution to 3rd Biennial Conference on Low Energy Antiproton Physics (LEAP-54), 535-544
DOI PDF OAI Cite Data Sets Citations

Exotic atoms and their electron shell
J.M. Steiner (PSI, Villigen), A. Babbaj (Zürich, ETH), B. Bach (William Mary Coll), R. Baehar (PSI, Villigen), A. Bader (PSI, Villigen) et al. (1994)
DOI PDF OAI Cite Data Sets Citations

INSPIRE Search INSPIRE

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pi- p -> pi0 pi0 n near threshold and chiral symmetry breaking
J. Lowe (New Mexico U.), B. Bassalock (New Mexico U.), J.R. Sjaft (New Mexico U.), G.L. Larson (New Mexico U.), D.M. Xie (New Mexico U.) et al. (1991)
Published in *PW Newsletter 3* (1991) 47-52
DOI PDF OAI Cite Data Sets Citations

Pion capture and hydrogen bonds in deuterated methanol
D. Horvath (Budapest, RMK) and British Columbia U., David F. Measday (British Columbia U.), J.F. Gormley (Budapest, RMK) and British Columbia U., M.D. Scudiero (Budapest, RMK) and British Columbia U. et al. (1991)
Published in *Phys Rev A44* (1991) 1725-1732
DOI PDF OAI Cite Data Sets Citations

Total cross-sections and analyzing powers for the reaction p + p -> p + pi0 near threshold
S. Steinhilber (British Columbia U.), D. Horvath (British Columbia U.), David F. Measday (British Columbia U.), J.F. Gormley (British Columbia U.), M. Scudiero (British Columbia U.), M.D. Scudiero (British Columbia U.) et al. (1991)
Published in *Phys Rev C44* (1991) 2287-2292
DOI PDF OAI Cite Data Sets Citations

pi- p -> pi0 pi0

Electromagnetic cascade and chemistry of exotic atoms. Proceedings, 5th Course of the International School of Physics of Exotic Atoms, Erice, Italy, May 14-20, 1989
L.M.Sitarova (PSI, Villigen)(ed.), D. Horvath (Budapest, RMKG)(ed.), G. Torricelli(1990)

0 citations

A Report on the measurement of the weak radiative decay $\Lambda_{b1} \rightarrow \Lambda \gamma$

A.J. Noble (British Columbia U), M.D. Hasinoff (British Columbia U), David F. Measday (British Columbia U), S. Prityagin(British Columbia U), C.E. Waltham (British Columbia U) et al. (1990)
Contribution to 15th APS Division of Particle and Fields General Meeting, 420-422

0 citations

Radiative kaon capture on deuterium and the Lambda n scattering lengths

K.Z. Sule, E.C. Booth, W.J. Fickinger, M.D. Hasinoff, N.P. Hessay et al. (1990)
Published in Phys.Rev.C 42 (1990) 475-478

3 citations

s wave partial cross-sections for the reaction $p + p \rightarrow p + p + \pi^0$

S. Stenlund (British Columbia U), D. Horvath (British Columbia U), David F. Measday (British Columbia U), A.J. Noble (British Columbia U), M. Salomon (TRIUMF) (1990)
Published in Phys.Rev.C 41 (1990) 1913-1916

14 citations

The Reaction $p\bar{p} \rightarrow \pi^0 p\bar{n}$ near threshold and chiral symmetry breaking

M.L. Shapiro (New Mexico U and Birmingham U), B. Bassalick (New Mexico U and Birmingham U), J.R. Misk (New Mexico U and Birmingham U), C.E. Waltham (New Mexico U and Birmingham U), J. Lowe (New Mexico U and Birmingham U) et al. (1990)
Contribution to 15th APS Division of Particle and Fields General Meeting, 540-542

0 citations

PION TRANSFER FROM HYDROGEN TO DEUTERIUM IN H-2 + D-2 GAS MIXTURES

F. Weber (British Columbia U), D.S. Amernoff (British Columbia U), David F. Measday (British Columbia U), A.J. Noble (British Columbia U), S. Stenlund(British Columbia U) et al. (Jan, 1989)
Published in Phys.Rev.A 41 (1990) 1-10

4 citations

Photon asymmetry from radiative muon capture on Ca-40

A.J. Karabek (British Columbia U and TRIUMF and Queens U, Kingston), G. Azuelos (British Columbia U and TRIUMF and Queens U, Kingston), E.S. Bertolini (British Columbia U and TRIUMF and Queens U, Kingston), T.P. Dennis (British Columbia U and TRIUMF and Queens U, Kingston), M.S. Hershoff (British Columbia U and TRIUMF and Queens U, Kingston) et al. (May, 1989)
Contribution to International Symposium on Weak and Electromagnetic Interactions in Nuclei (WEN89), 641-643

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0 citations

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ADAPTIVE HYPERON PROCESSES

B.L. Roberts (Boston U), E.C. Booth (Boston U), K.Z. Sule (Boston U), E.K. Melnyk (Boston U), J.P. Miller (Boston U) et al. (1989)
Published in Nuovo Cim.LA 102 (1989) 145-166

11 citations

A Measurement of the Branching Ratio for the $\Sigma^+ \rightarrow \pi^0 p \gamma$ Decay

N.P. Hessay (Birmingham U), E.C. Booth (Boston U), W.J. Fickinger (Case Western Reserve U), K.Z. Sule (Boston U), M.D. Hasinoff (British Columbia U) et al. (1989)
Published in Z.Phys.C 42 (1989) 175-183

23 citations

Radiative hyperon processes following kaon capture on proton

D. Horvath (Budapest, RMKG and British Columbia U), M.D. Hasinoff (Budapest, RMKG and British Columbia U), David F. Measday (Budapest, RMKG and British Columbia U), A.J. Noble (Budapest, RMKG and British Columbia U), C.R. Waltham (Budapest, RMKG and British Columbia U) et al. (1989)
Contribution to 36 International Symposium on Pion Nucleon and Nucleon Nucleon Physics (NWN89), 375-381

0 citations

Weak radiative hyperon decays

B.L. Roberts, B. Susskind, E.C. Booth, W.J. Fickinger, K.Z. Sule et al. (1989)
Published in Nucl.Phys.B Proc.Supp. 13 (1990) 449-451 - Contribution to WNN1989

2 citations

Collision processes in the formation of light exotic atoms

D. Horvath (Budapest, RMKG) (1989)

0 citations

Status of E811: Hyperon weak radiative decay

A.J. Noble (British Columbia U), M.D. Hasinoff (British Columbia U), David F. Measday (British Columbia U), C.E. Waltham (British Columbia U), N.P. Hessay (Birmingham U) et al. (Nov 20, 1988)
Published in AP.Conf.Proc. 176 (1988) 842-843 - Contribution to 3rd Conference on the Intersections between Particle and Nuclear Physics, 842-843

0 citations

Experimental Study on Pion Capture by Hydrogen Bond in Molecules

D. Horvath (British Columbia U), K.A. Aziz (British Columbia U), E. Eisele (Zurich) (British Columbia U), David F. Measday (British Columbia U), A.J. Noble (British Columbia U) et al. (Aug, 1988)
Published in Phys.Rev.A 41 (1990) 5034-5042

5 citations

Radiative Kaon Capture

0 citations

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0 citations

0 citations

0 citations

0 citations

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0 citations

E.K.Melnyk (Boston U), E.C. Booth (Boston U), W. Fickinger (Case Western Reserve U), K.Z. Sule (Boston U), M.D. Hasinoff (British Columbia U) et al. (May, 1988)

Published in AP.Conf.Proc. 176 (1988) 473-476 - Contribution to 3rd Conference on the Intersections between Particle and Nuclear Physics, 673-676

0 citations

ON THE FORMATION OF EXOTIC ATOMS

D. Horvath (Budapest, RMKG) (1988)
Published in Czech.J.Phys 34 (1988) 911-914

0 citations

ATOMIC CAPTURE AND TRANSFER OF NEGATIVE PIONS STOPPED IN BINARY MIXTURES OF HYDROGEN WITH POLYATOMIC GASES

Y.A. Vaynskiy (Dubna, JINR), B. Leyer (Dubna, JINR), A. Melnik (Dubna, JINR), V.I. Petrukhin (Dubna, JINR), D. Horvath (Dubna, JINR) (1985)
Published in Nucl.Phys.A 448 (1985) 613-622

5 citations