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

(9431)

CMS Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jul 2012. 32 pp.

Published in **Phys.Lett. B716 (2012) 30-61**

CMS-HIG-12-028, CERN-PH-EP-2012-220

DOI: [10.1016/j.physletb.2012.08.021](https://doi.org/10.1016/j.physletb.2012.08.021)

e-Print: [arXiv:1207.7235](#) [[hep-ex](#)] | [PDF](#)

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2. The CMS Experiment at the CERN LHC

(6121)

CMS Collaboration ([S. Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Aug 2008. 361 pp.

Published in **JINST 3 (2008) S08004**

DOI: [10.1088/1748-0221/3/08/S08004](https://doi.org/10.1088/1748-0221/3/08/S08004)

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[CERN Document Server](#); [ADS Abstract Service](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 6121 records](#) **1000+**

3. CMS technical design report, volume II: Physics performance

(1504)

CMS Collaboration ([G.L. Bayatian](#) ([Yerevan Phys. Inst.](#)) *et al.*). 2007. 585 pp.

Published in **J.Phys. G34 (2007) no.6, 995-1579**

CERN-LHCC-2006-021, CMS-TDR-008-2

DOI: [10.1088/0954-3899/34/6/S01](https://doi.org/10.1088/0954-3899/34/6/S01)

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[CERN Document Server](#); [ADS Abstract Service](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 1504 records](#) **1000+**

4. Determination of Jet Energy Calibration and Transverse Momentum Resolution in CMS

(1118)

CMS Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jul 2011.

Published in **JINST 6 (2011) P11002**

CERN-PH-EP-2011-102, CMS-JME-10-011

DOI: [10.1088/1748-0221/6/11/P11002](https://doi.org/10.1088/1748-0221/6/11/P11002)

e-Print: [arXiv:1107.4277](#) [[physics.ins-det](#)] | [PDF](#)

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[Detailed record](#) - [Cited by 1118 records](#) **1000+**

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

(969)

CMS Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jun 2012. 81 pp.

Published in **JINST 7 (2012) P10002**

CMS-MUO-10-004, CERN-PH-EP-2012-173

DOI: [10.1088/1748-0221/7/10/P10002](https://doi.org/10.1088/1748-0221/7/10/P10002)e-Print: [arXiv:1206.4071](https://arxiv.org/abs/1206.4071) [physics.ins-det] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 969 records](#) **500+****6. Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV**

(901)

[CMS Collaboration](#) ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Feb 2012. 23 pp.Published in **Phys.Lett. B710 (2012) 26-48**

CMS-HIG-11-032, CERN-PH-EP-2012-023

DOI: [10.1016/j.physletb.2012.02.064](https://doi.org/10.1016/j.physletb.2012.02.064)e-Print: [arXiv:1202.1488](https://arxiv.org/abs/1202.1488) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 901 records](#) **500+****7. Observation of Long-Range Near-Side Angular Correlations in Proton-Proton Collisions at the LHC**

(774)

[CMS Collaboration](#) ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Sep 2010.Published in **JHEP 1009 (2010) 091**

CMS-QCD-10-002, CERN-PH-EP-2010-031

DOI: [10.1007/JHEP09\(2010\)091](https://doi.org/10.1007/JHEP09(2010)091)e-Print: [arXiv:1009.4122](https://arxiv.org/abs/1009.4122) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Symmetry Magazine article](#)[Detailed record](#) - [Cited by 774 records](#) **500+****8. CMS Physics : Technical Design Report Volume 1: Detector Performance and Software**

(752)

[CMS Collaboration](#) ([G. L. Bayatian](#) ([Yerevan Phys. Inst.](#)) *et al.*). 2006. 521 pp.

CERN-LHCC-2006-001, CMS-TDR-8-1

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [Link to Fulltext](#); [Link to Fulltext](#)[Detailed record](#) - [Cited by 752 records](#) **500+****9. Observation and studies of jet quenching in PbPb collisions at nucleon-nucleon center-of-mass energy = 2.76 TeV**

(705)

[CMS Collaboration](#) ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Feb 2011. 26 pp.Published in **Phys.Rev. C84 (2011) 024906**

CERN-PH-EP-2011-001, CMS-HIN-10-004

DOI: [10.1103/PhysRevC.84.024906](https://doi.org/10.1103/PhysRevC.84.024906)e-Print: [arXiv:1102.1957](https://arxiv.org/abs/1102.1957) [nucl-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 705 records](#) **500+****10. Event generator tunes obtained from underlying event and multiparton scattering measurements**

(583)

[CMS Collaboration](#) ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Dec 2, 2015. 68 pp.Published in **Eur.Phys.J. C76 (2016) no.3, 155**

CMS-GEN-14-001, CERN-PH-EP-2015-291

DOI: [10.1140/epjc/s10052-016-3988-x](https://doi.org/10.1140/epjc/s10052-016-3988-x)e-Print: [arXiv:1512.00815](https://arxiv.org/abs/1512.00815) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)[Detailed record](#) - [Cited by 583 records](#) **500+****11. Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 7$ TeV**

(472)

[CMS Collaboration](#) ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). May 2010. 26 pp.Published in **Phys.Rev.Lett. 105 (2010) 022002**

CERN-PH-EP-2010-009, CMS-QCD-10-006

DOI: [10.1103/PhysRevLett.105.022002](https://doi.org/10.1103/PhysRevLett.105.022002)e-Print: [arXiv:1005.3299](https://arxiv.org/abs/1005.3299) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 472 records](#) 250+**12. Study of high- p_T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

(446)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Feb 2012.Published in **Eur.Phys.J. C72 (2012) 1945**

CMS-HIN-10-005, CERN-PH-EP-2012-043

DOI: [10.1140/epjc/s10052-012-1945-x](https://doi.org/10.1140/epjc/s10052-012-1945-x)e-Print: [arXiv:1202.2554](https://arxiv.org/abs/1202.2554) [nucl-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 446 records](#) 250+**13. Transverse momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV**

(396)

[CMS](#) Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). Feb 2010. 31 pp.Published in **JHEP 1002 (2010) 041**

CMS-QCD-09-010, CERN-PH-EP-2010-003

DOI: [10.1007/JHEP02\(2010\)041](https://doi.org/10.1007/JHEP02(2010)041)e-Print: [arXiv:1002.0621](https://arxiv.org/abs/1002.0621) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 396 records](#) 250+**14. Measurement of the Inclusive W and Z Production Cross Sections in pp Collisions at $\sqrt{s} = 7$ TeV**

(394)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Jul 2011. 68 pp.Published in **JHEP 1110 (2011) 132**

CERN-PH-EP-2011-107, CMS-EWK-10-005

DOI: [10.1007/JHEP10\(2011\)132](https://doi.org/10.1007/JHEP10(2011)132)e-Print: [arXiv:1107.4789](https://arxiv.org/abs/1107.4789) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 394 records](#) 250+**15. Measurements of Inclusive W and Z Cross Sections in pp Collisions at $\sqrt{s} = 7$ TeV**

(389)

[CMS](#) Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). Dec 2010. 38 pp.Published in **JHEP 1101 (2011) 080**

CERN-PH-EP-2010-050, CMS-EWK-10-002

DOI: [10.1007/JHEP01\(2011\)080](https://doi.org/10.1007/JHEP01(2011)080)e-Print: [arXiv:1012.2466](https://arxiv.org/abs/1012.2466) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 389 records](#) 250+**16. Suppression of non-prompt J/ψ , prompt J/ψ , and $Y(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**

(386)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Jan 2012. 51 pp.Published in **JHEP 1205 (2012) 063**

CMS-HIN-10-006, CERN-PH-EP-2011-170

DOI: [10.1007/JHEP05\(2012\)063](https://doi.org/10.1007/JHEP05(2012)063)e-Print: [arXiv:1201.5069](https://arxiv.org/abs/1201.5069) [nucl-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 386 records](#) 250+

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

(325)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Sep 2011. 16 pp.

Published in **Phys.Rev.Lett.** **107** (2011) **221804**

CERN-PH-EP-2011-138, CMS-SUS-11-003

DOI: [10.1103/PhysRevLett.107.221804](https://doi.org/10.1103/PhysRevLett.107.221804)

e-Print: [arXiv:1109.2352 \[hep-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 325 records](#) 250+

18. Missing transverse energy performance of the CMS detector

(302)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jun 2011. 56 pp.

Published in **JINST** **6** (2011) **P09001**

CERN-PH-EP-2011-051, CMS-JME-10-009

DOI: [10.1088/1748-0221/6/09/P09001](https://doi.org/10.1088/1748-0221/6/09/P09001)

e-Print: [arXiv:1106.5048 \[physics.ins-det\]](#) | [PDF](#)

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[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 302 records](#) 250+

19. Search for Supersymmetry in pp Collisions at 7 TeV in Events with Jets and Missing Transverse Energy

(282)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Jan 2011. 23 pp.

Published in **Phys.Lett.** **B698** (2011) **196-218**

CERN-PH-EP-2010-084, CMS-SUS-10-003

DOI: [10.1016/j.physletb.2011.03.021](https://doi.org/10.1016/j.physletb.2011.03.021)

e-Print: [arXiv:1101.1628 \[hep-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 282 records](#) 250+

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

(261)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jan 2012.

Published in **Eur.Phys.J.** **C72** (2012) **2012**

CMS-HIN-11-006, CERN-PH-EP-2011-222

DOI: [10.1140/epjc/s10052-012-2012-3](https://doi.org/10.1140/epjc/s10052-012-2012-3)

e-Print: [arXiv:1201.3158 \[nucl-ex\]](#) | [PDF](#)

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[Detailed record](#) - [Cited by 261 records](#) 250+

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

(258)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jul 2011. 28 pp.

Published in **JHEP** **1109** (2011) **109**

CERN-PH-EP-2011-059, CMS-QCD-10-010

DOI: [10.1007/JHEP09\(2011\)109](https://doi.org/10.1007/JHEP09(2011)109)

e-Print: [arXiv:1107.0330 \[hep-ex\]](#) | [PDF](#)

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[Detailed record](#) - [Cited by 258 records](#) 250+

22. CMS Tracking Performance Results from early LHC Operation

(256)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). 2010. 44 pp.

Published in **Eur.Phys.J.** **C70** (2010) **1165-1192**

CERN-PH-EP-2010-019, CMS-TRK-10-001

DOI: [10.1140/epjc/s10052-010-1491-3](https://doi.org/10.1140/epjc/s10052-010-1491-3)

e-Print: [arXiv:1007.1988 \[physics.ins-det\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 256 records](#) 250+

23. Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV

(255)

CMS Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Feb 2012. 23 pp.
Published in **Phys.Lett. B713 (2012) 68-90**
CMS-HIG-11-029, CERN-PH-EP-2012-034
DOI: [10.1016/j.physletb.2012.05.028](https://doi.org/10.1016/j.physletb.2012.05.028)
e-Print: [arXiv:1202.4083](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 255 records](#) 250+

24. Prompt and Non-Prompt J/ψ Production in pp Collisions at $\sqrt{s} = 7$ TeV

(255)

CMS Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). Nov 2010. 36 pp.
Published in **Eur.Phys.J. C71 (2011) 1575**
CERN-PH-EP-2010-046, CMS-BPH-10-002
DOI: [10.1140/epjc/s10052-011-1575-8](https://doi.org/10.1140/epjc/s10052-011-1575-8)
e-Print: [arXiv:1011.4193](#) [hep-ex] | [PDF](#)

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Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 255 records](#) 250+

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

(248)

CMS Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Feb 2012. 23 pp.
Published in **Phys.Lett. B710 (2012) 403-425**
CMS-HIG-11-033, CERN-PH-EP-2012-024
DOI: [10.1016/j.physletb.2012.03.003](https://doi.org/10.1016/j.physletb.2012.03.003)
e-Print: [arXiv:1202.1487](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 248 records](#) 100+

26. Performance of tau-lepton reconstruction and identification in CMS

(248)

CMS Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Sep 2011. 32 pp.
Published in **JINST 7 (2012) P01001**
CERN-PH-EP-2011-137, CMS-TAU-11-001
DOI: [10.1088/1748-0221/7/01/P01001](https://doi.org/10.1088/1748-0221/7/01/P01001)
e-Print: [arXiv:1109.6034](#) [physics.ins-det] | [PDF](#)

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[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 248 records](#) 100+

27. Indications of suppression of excited Υ states in PbPb collisions at $\sqrt{S_{NN}} = 2.76$ TeV

(226)

CMS Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). May 2011. 25 pp.
Published in **Phys.Rev.Lett. 107 (2011) 052302**
CERN-PH-EP-2011-074, CMS-HIN-11-007
DOI: [10.1103/PhysRevLett.107.052302](https://doi.org/10.1103/PhysRevLett.107.052302)
e-Print: [arXiv:1105.4894](#) [nucl-ex] | [PDF](#)

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[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 226 records](#) 100+

28. CMS physics technical design report: Addendum on high density QCD with heavy ions

(214)

CMS Collaboration ([David G. d'Enterria](#) (Ed.) (CERN) *et al.*). Mar 2007. 169 pp.
Published in **J.Phys. G34 (2007) 2307-2455**
CERN-LHCC-2007-009
DOI: [10.1088/0954-3899/34/11/008](https://doi.org/10.1088/0954-3899/34/11/008)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
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29. Charged Particle Multiplicities in pp Interactions at $\sqrt{s} = 0.9, 2.36$, and 7 TeV

(211) [CMS](#) Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). Nov 2010. 34 pp.
Published in **JHEP** **1101** (2011) 079
CERN-PH-EP-2010-048, CMS-QCD-10-004
DOI: [10.1007/JHEP01\(2011\)079](https://doi.org/10.1007/JHEP01(2011)079)
e-Print: [arXiv:1011.5531](#) [hep-ex] | [PDF](#)
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30. Search for Resonances in the Dijet Mass Spectrum from 7 TeV pp Collisions at CMS

(207) [CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Jul 2011. 20 pp.
Published in **Phys.Lett.** **B704** (2011) 123-142
CERN-PH-EP-2011-119, CMS-EXO-11-015
DOI: [10.1016/j.physletb.2011.09.015](https://doi.org/10.1016/j.physletb.2011.09.015)
e-Print: [arXiv:1107.4771](#) [hep-ex] | [PDF](#)
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[Detailed record](#) - [Cited by 207 records](#) 100+

31. Search for Dijet Resonances in 7 TeV pp Collisions at CMS

(193) [CMS](#) Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). Oct 2010. 24 pp.
Published in **Phys.Rev.Lett.** **105** (2010) 211801
CMS-EXO-10-010, CERN-PH-EP-2010-035
DOI: [10.1103/PhysRevLett.106.029902](https://doi.org/10.1103/PhysRevLett.106.029902), [10.1103/PhysRevLett.105.211801](https://doi.org/10.1103/PhysRevLett.105.211801)
e-Print: [arXiv:1010.0203](#) [hep-ex] | [PDF](#)
[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)
Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 193 records](#) 100+

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

(182) [CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Jan 2012. 22 pp.
Published in **Phys.Lett.** **B710** (2012) 256-277
CMS-HIN-11-002, CERN-PH-EP-2011-221
DOI: [10.1016/j.physletb.2012.02.077](https://doi.org/10.1016/j.physletb.2012.02.077)
e-Print: [arXiv:1201.3093](#) [nucl-ex] | [PDF](#)
[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)
Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 182 records](#) 100+

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

(180) [CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Jun 2011. 24 pp.
Published in **Phys.Rev.Lett.** **107** (2011) 132001
CERN-PH-EP-2011-053, CMS-QCD-10-011
DOI: [10.1103/PhysRevLett.107.132001](https://doi.org/10.1103/PhysRevLett.107.132001)
e-Print: [arXiv:1106.0208](#) [hep-ex] | [PDF](#)
[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)
Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 180 records](#) 100+

34. Measurement of the $t\bar{t}$ production cross section and the top quark mass in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV

(180) [CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). May 2011. 44 pp.
Published in **JHEP** **1107** (2011) 049
CERN-PH-EP-2011-055, CMS-TOP-11-002
DOI: [10.1007/JHEP07\(2011\)049](https://doi.org/10.1007/JHEP07(2011)049)
e-Print: [arXiv:1105.5661](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 180 records](#) 100+

35. First Measurement of the Cross Section for Top-Quark Pair Production in Proton-Proton Collisions at $\sqrt{s} = 7$ TeV

(177)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Oct 2010. 20 pp.

Published in **Phys.Lett. B695 (2011) 424-443**

CMS-TOP-10-001, CERN-PH-EP-2010-039

DOI: [10.1016/j.physletb.2010.11.058](#)

e-Print: [arXiv:1010.5994 \[hep-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 177 records](#) 100+

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

(175)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2012. 23 pp.

Published in **Phys.Lett. B710 (2012) 91-113**

CMS-HIG-11-024, CERN-PH-EP-2012-018

DOI: [10.1016/j.physletb.2012.02.076](#)

e-Print: [arXiv:1202.1489 \[hep-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 175 records](#) 100+

37. Measurement of W^+W^- production and search for the Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV

(174)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2011. 23 pp.

Published in **Phys.Lett. B699 (2011) 25-47**

CERN-PH-EP-2011-015, CMS-EWK-10-009

DOI: [10.1016/j.physletb.2011.03.056](#)

e-Print: [arXiv:1102.5429 \[hep-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 174 records](#) 100+

38. Strange Particle Production in pp Collisions at $\sqrt{s} = 0.9$ and 7 TeV

(174)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Feb 2011. 38 pp.

Published in **JHEP 1105 (2011) 064**

CERN-PH-EP-2010-094, CMS-QCD-10-007

DOI: [10.1007/JHEP05\(2011\)064](#)

e-Print: [arXiv:1102.4282 \[hep-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 174 records](#) 100+

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

(168)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jul 2011. 35 pp.

Published in **JHEP 1108 (2011) 141**

CERN-PH-EP-2011-092, CMS-HIN-10-001

DOI: [10.1007/JHEP08\(2011\)141](#)

e-Print: [arXiv:1107.4800 \[nucl-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 168 records](#) 100+

40. J/ψ and ψ_{2S} production in pp collisions at $\sqrt{s} = 7$ TeV

(165)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2011. 39 pp.

Published in **JHEP 1202 (2012) 011**

CMS-BPH-10-014, CERN-PH-EP-2011-177

DOI: [10.1007/JHEP02\(2012\)011](https://doi.org/10.1007/JHEP02(2012)011)

e-Print: [arXiv:1111.1557](https://arxiv.org/abs/1111.1557) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 165 records](#) 100+

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

(162)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jun 2011. 27 pp.

Published in **Phys.Rev.Lett. 107 (2011) 091802**

CERN-PH-EP-2011-066, CMS-TOP-10-008

DOI: [10.1103/PhysRevLett.107.091802](https://doi.org/10.1103/PhysRevLett.107.091802)

e-Print: [arXiv:1106.3052](https://arxiv.org/abs/1106.3052) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 162 records](#) 100+

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

(153)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Oct 2011. 21 pp.

Published in **Phys.Rev. D85 (2012) 032002**

CMS-EWK-10-010, CERN-PH-EP-2011-169

DOI: [10.1103/PhysRevD.85.032002](https://doi.org/10.1103/PhysRevD.85.032002)

e-Print: [arXiv:1110.4973](https://arxiv.org/abs/1110.4973) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 153 records](#) 100+

43. Long-range and short-range dihadron angular correlations in central PbPb collisions at a nucleon-nucleon center of mass energy of 2.76 TeV

(149)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). May 2011. 30 pp.

Published in **JHEP 1107 (2011) 076**

CERN-PH-EP-2011-056, CMS-HIN-11-001

DOI: [10.1007/JHEP07\(2011\)076](https://doi.org/10.1007/JHEP07(2011)076)

e-Print: [arXiv:1105.2438](https://arxiv.org/abs/1105.2438) [nucl-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 149 records](#) 100+

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

(146)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2012.

Published in **Phys.Rev.Lett. 108 (2012) 111804**

CMS-HIG-11-025, CERN-PH-EP-2012-025

DOI: [10.1103/PhysRevLett.108.111804](https://doi.org/10.1103/PhysRevLett.108.111804)

e-Print: [arXiv:1202.1997](https://arxiv.org/abs/1202.1997) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 146 records](#) 100+

45. Upsilon Production Cross-Section in pp Collisions at $\sqrt{s}=7$ TeV

(144)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Dec 2010. 42 pp.

Published in **Phys.Rev. D83 (2011) 112004**

CERN-PH-EP-2010-055, CMS-BPH-10-003

DOI: [10.1103/PhysRevD.83.112004](https://doi.org/10.1103/PhysRevD.83.112004)

e-Print: [arXiv:1012.5545](https://arxiv.org/abs/1012.5545) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 144 records](#) 100+

46. **Performance of the CMS muon detector and muon reconstruction with proton-proton collisions at $\sqrt{s} = 13$ TeV**

(138)

CMS Collaboration (A.M. Sirunyan *et al.*). Apr 12, 2018. 53 pp.

Published in **JINST 13 (2018) no.06, P06015**

CMS-MUO-16-001, CERN-EP-2018-058

DOI: [10.1088/1748-0221/13/06/P06015](https://doi.org/10.1088/1748-0221/13/06/P06015)

e-Print: [arXiv:1804.04528](https://arxiv.org/abs/1804.04528) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext from Publisher](#)

[Detailed record](#) - [Cited by 138 records](#) 100+

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

(136)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jul 2011.

Published in **Phys.Rev. D85 (2012) 012004**

CERN-PH-EP-2011-099, CMS-SUS-10-009

DOI: [10.1103/PhysRevD.85.012004](https://doi.org/10.1103/PhysRevD.85.012004)

e-Print: [arXiv:1107.1279](https://arxiv.org/abs/1107.1279) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 136 records](#) 100+

48. **Measurement of the $t\bar{t}$ Production Cross Section in pp Collisions at 7 TeV in Lepton + Jets Events Using b -quark Jet Identification**

(133)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Aug 2011. 39 pp.

Published in **Phys.Rev. D84 (2011) 092004**

CERN-PH-EP-2011-085, CMS-TOP-10-003

DOI: [10.1103/PhysRevD.84.092004](https://doi.org/10.1103/PhysRevD.84.092004)

e-Print: [arXiv:1108.3773](https://arxiv.org/abs/1108.3773) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 133 records](#) 100+

49. **Search for Neutral MSSM Higgs Bosons Decaying to Tau Pairs in pp Collisions at $\sqrt{s} = 7$ TeV**

(133)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Apr 2011. 26 pp.

Published in **Phys.Rev.Lett. 106 (2011) 231801**

CERN-PH-EP-2011-027, CMS-HIG-10-002, CERN-EP-PH-2011-027

DOI: [10.1103/PhysRevLett.106.231801](https://doi.org/10.1103/PhysRevLett.106.231801)

e-Print: [arXiv:1104.1619](https://arxiv.org/abs/1104.1619) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 133 records](#) 100+

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

(130)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2012.

Published in **JHEP 1204 (2012) 036**

CMS-HIG-11-027, CERN-PH-EP-2012-028

DOI: [10.1007/JHEP04\(2012\)036](https://doi.org/10.1007/JHEP04(2012)036)

e-Print: [arXiv:1202.1416](https://arxiv.org/abs/1202.1416) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 130 records](#) 100+

51. **Measurement of the B^+ Production Cross Section in pp Collisions at $\sqrt{s} = 7\sim 8$ TeV**

(130)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Jan 2011. 24 pp.

Published in **Phys.Rev.Lett. 106 (2011) 112001**

CERN-PH-EP-2010-087, CMS-BPH-10-004

DOI: [10.1103/PhysRevLett.106.112001](https://doi.org/10.1103/PhysRevLett.106.112001)

e-Print: [arXiv:1101.0131](https://arxiv.org/abs/1101.0131) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 130 records](#) 100+

52. Study of Z boson production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV

(127) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2011. 22 pp.
Published in **Phys.Rev.Lett.** **106** (2011) 212301
CERN-PH-EP-2011-003, CMS-HIN-10-003
DOI: [10.1103/PhysRevLett.106.212301](https://doi.org/10.1103/PhysRevLett.106.212301)
e-Print: [arXiv:1102.5435](https://arxiv.org/abs/1102.5435) [nucl-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)
Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 127 records](#) 100+

53. Measurement of differential cross sections for top quark pair production using the lepton+jets final state in proton-proton collisions at 13 TeV

(124) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Oct 13, 2016. 39 pp.
Published in **Phys.Rev. D** **95** (2017) no.9, 092001
CMS-TOP-16-008, CERN-EP-2016-227
DOI: [10.1103/PhysRevD.95.092001](https://doi.org/10.1103/PhysRevD.95.092001)
e-Print: [arXiv:1610.04191](https://arxiv.org/abs/1610.04191) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)
Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 124 records](#) 100+

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

(124) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jun 2011. 43 pp.
Published in **JHEP** **1108** (2011) 155
CERN-PH-EP-2011-065, CMS-SUS-10-005
DOI: [10.1007/JHEP08\(2011\)155](https://doi.org/10.1007/JHEP08(2011)155)
e-Print: [arXiv:1106.4503](https://arxiv.org/abs/1106.4503) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#)

[Detailed record](#) - [Cited by 124 records](#) 100+

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

(123) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Dec 2011. 27 pp.
Published in **Phys.Rev.Lett.** **108** (2012) 111801
CERN-PH-EP-2011-173, CMS-EXO-11-038
DOI: [10.1103/PhysRevLett.108.111801](https://doi.org/10.1103/PhysRevLett.108.111801)
e-Print: [arXiv:1112.0688](https://arxiv.org/abs/1112.0688) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 123 records](#) 100+

56. Performance of CMS Muon Reconstruction in Cosmic-Ray Events

(120) CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 47 pp.
Published in **JINST** **5** (2010) T03022
CMS-CFT-09-014
DOI: [10.1088/1748-0221/5/03/T03022](https://doi.org/10.1088/1748-0221/5/03/T03022)
e-Print: [arXiv:0911.4994](https://arxiv.org/abs/0911.4994) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 120 records](#) 100+

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

(119) CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Apr 25, 2017. 38 pp.
Published in **Phys.Rev. D** **96** (2017) no.3, 032003
CMS-SUS-16-033, CERN-EP-2017-072
DOI: [10.1103/PhysRevD.96.032003](https://doi.org/10.1103/PhysRevD.96.032003)
e-Print: [arXiv:1704.07781](https://arxiv.org/abs/1704.07781) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 119 records](#) 100+

58. **Measurement of $B\bar{B}$ Angular Correlations based on Secondary Vertex Reconstruction at $\sqrt{s} = 7$ TeV**

(119)

CMS Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Feb 2011. 33 pp.

Published in **JHEP 1103 (2011) 136**

CERN-PH-EP-10-093, CMS-BPH-10-010

DOI: [10.1007/JHEP03\(2011\)136](#)

e-Print: [arXiv:1102.3194](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 119 records](#) 100+

59. **Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC**

(116)

CMS Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Apr 2011. 40 pp.

Published in **JHEP 1106 (2011) 077**

CERN-PH-EP-2011-033, CMS-SUS-10-004

DOI: [10.1007/JHEP06\(2011\)077](#)

e-Print: [arXiv:1104.3168](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 116 records](#) 100+

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

(111)

CMS Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Feb 2012. 23 pp.

Published in **Phys.Lett. B710 (2012) 284-306**

CMS-HIG-11-031, CERN-PH-EP-2012-040

DOI: [10.1016/j.physletb.2012.02.085](#)

e-Print: [arXiv:1202.4195](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 111 records](#) 100+

61. **Search for Resonances in the Dilepton Mass Distribution in pp Collisions at $\sqrt{s} = 7$ TeV**

(110)

CMS Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Mar 2011. 35 pp.

Published in **JHEP 1105 (2011) 093**

CERN-PH-EP-2011-002, CMS-EXO-10-013

DOI: [10.1007/JHEP05\(2011\)093](#)

e-Print: [arXiv:1103.0981](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#)

[Detailed record](#) - [Cited by 110 records](#) 100+

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

(109)

CMS Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Nov 2011. 35 pp.

Published in **JHEP 1201 (2012) 052**

CERN-PH-EP-2011-187, CMS-FWD-10-005

DOI: [10.1007/JHEP01\(2012\)052](#)

e-Print: [arXiv:1111.5536](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 109 records](#) 100+

63. **Alignment of the CMS Silicon Tracker during Commissioning with Cosmic Rays**

(109)

CMS Collaboration ([S Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Oct 2009. 39 pp.

Published in **JINST 5 (2010) T03009**

CMS-CFT-09-003

DOI: [10.1088/1748-0221/5/03/T03009](https://doi.org/10.1088/1748-0221/5/03/T03009)e-Print: [arXiv:0910.2505](https://arxiv.org/abs/0910.2505) [physics.ins-det] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)[Detailed record](#) - [Cited by 109 records](#) 100+**64. The Beam and detector of the NA62 experiment at CERN**(108) [NA62](#) Collaboration ([Eduardo Cortina Gil](#) ([Louvain U.](#)) *et al.*). Mar 24, 2017. 121 pp.Published in **JINST** **12** (2017) no.05, P05025DOI: [10.1088/1748-0221/12/05/P05025](https://doi.org/10.1088/1748-0221/12/05/P05025)e-Print: [arXiv:1703.08501](https://arxiv.org/abs/1703.08501) [physics.ins-det] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [Link to IOP OA article](#); [Link to Fulltext](#)[Detailed record](#) - [Cited by 108 records](#) 100+**65. Search for Microscopic Black Hole Signatures at the Large Hadron Collider**(107) [CMS](#) Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Dec 2010. 20 pp.Published in **Phys.Lett. B** **697** (2011) 434-453

CERN-PH-EP-2010-073, CMS-EXO-10-017

DOI: [10.1016/j.physletb.2011.02.032](https://doi.org/10.1016/j.physletb.2011.02.032)e-Print: [arXiv:1012.3375](https://arxiv.org/abs/1012.3375) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 107 records](#) 100+**66. Measurement of the Isolated Prompt Photon Production Cross Section in pp Collisions at $\sqrt{s} = 7\text{ TeV}$** (106) [CMS](#) Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Dec 2010.Published in **Phys.Rev.Lett.** **106** (2011) 082001

CERN-PH-EP-2010-053, CMS-QCD-10-019

DOI: [10.1103/PhysRevLett.106.082001](https://doi.org/10.1103/PhysRevLett.106.082001)e-Print: [arXiv:1012.0799](https://arxiv.org/abs/1012.0799) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 106 records](#) 100+**67. Measurement of Dijet Angular Distributions and Search for Quark Compositeness in pp Collisions at $\sqrt{s} = 7\text{ TeV}$** (105) [CMS](#) Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Feb 2011. 24 pp.Published in **Phys.Rev.Lett.** **106** (2011) 201804

CERN-PH-EP-2010-092, CMS-QCD-10-016, CERN-EP-PH-2010-092

DOI: [10.1103/PhysRevLett.106.201804](https://doi.org/10.1103/PhysRevLett.106.201804)e-Print: [arXiv:1102.2020](https://arxiv.org/abs/1102.2020) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 105 records](#) 100+**68. Measurement of the Differential Cross Section for Isolated Prompt Photon Production in pp Collisions at 7 TeV**(104) [CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Aug 2011. 29 pp.Published in **Phys.Rev. D** **84** (2011) 052011

CERN-PH-EP-2011-128, CMS-QCD-10-037

DOI: [10.1103/PhysRevD.84.052011](https://doi.org/10.1103/PhysRevD.84.052011)e-Print: [arXiv:1108.2044](https://arxiv.org/abs/1108.2044) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 104 records](#) 100+**69. Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV**(101) [CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Apr 2011. 36 pp.

Published in **JHEP 1108 (2011) 086**
 CERN-PH-EP-2011-049, CMS-QCD-10-008
 DOI: [10.1007/JHEP08\(2011\)086](https://doi.org/10.1007/JHEP08(2011)086)
 e-Print: [arXiv:1104.3547](https://arxiv.org/abs/1104.3547) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)
 Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 101 records](#) 100+

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

⁽⁹⁸⁾ CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Oct 2011. 45 pp.
 Published in **JHEP 1201 (2012) 010**
 CERN-PH-EP-2011-125, CMS-EWK-10-012
 DOI: [10.1007/JHEP01\(2012\)010](https://doi.org/10.1007/JHEP01(2012)010)
 e-Print: [arXiv:1110.3226](https://arxiv.org/abs/1110.3226) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)
 Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 98 records](#) 50+

71. Search for narrow resonances in dijet final states at $\sqrt{s} = 8$ TeV with the novel CMS technique of data scouting

⁽⁹⁷⁾ CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Apr 29, 2016. 17 pp.
 Published in **Phys.Rev.Lett. 117 (2016) no.3, 031802**
 CMS-EXO-14-005, CERN-EP-2016-090
 DOI: [10.1103/PhysRevLett.117.031802](https://doi.org/10.1103/PhysRevLett.117.031802)
 e-Print: [arXiv:1604.08907](https://arxiv.org/abs/1604.08907) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 97 records](#) 50+

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

⁽⁹⁷⁾ CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Dec 2011. 22 pp.
 Published in **Phys.Lett. B709 (2012) 28-49**
 CERN-PH-EP-2011-217, CMS-TOP-11-014
 DOI: [10.1016/j.physletb.2012.01.078](https://doi.org/10.1016/j.physletb.2012.01.078)
 e-Print: [arXiv:1112.5100](https://arxiv.org/abs/1112.5100) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 97 records](#) 50+

73. Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV

⁽⁹⁷⁾ CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Mar 2011. 28 pp.
 Published in **JHEP 1104 (2011) 050**
 CERN-PH-EP-2011-024, CMS-EWK-10-006
 DOI: [10.1007/JHEP04\(2011\)050](https://doi.org/10.1007/JHEP04(2011)050)
 e-Print: [arXiv:1103.3470](https://arxiv.org/abs/1103.3470) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 97 records](#) 50+

74. Measurement of the B^0 production cross section in pp Collisions at $\sqrt{s} = 7$ TeV

⁽⁹⁵⁾ CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Apr 2011. 15 pp.
 Published in **Phys.Rev.Lett. 106 (2011) 252001**
 CERN-PH-EP-2011-034, CMS-BPH-10-005
 DOI: [10.1103/PhysRevLett.106.252001](https://doi.org/10.1103/PhysRevLett.106.252001)
 e-Print: [arXiv:1104.2892](https://arxiv.org/abs/1104.2892) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)
 Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 95 records](#) 50+

75. Measurement of the Inclusive Z Cross Section via Decays to Tau Pairs in pp

(95) **Collisions at $\sqrt{s} = 7$ TeV**

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Apr 2011. 28 pp.

Published in **JHEP** **1108** (2011) **117**

CERN-PH-EP-2011-035, CMS-EWK-10-013

DOI: [10.1007/JHEP08\(2011\)117](https://doi.org/10.1007/JHEP08(2011)117)

e-Print: [arXiv:1104.1617](https://arxiv.org/abs/1104.1617) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#)

[Detailed record](#) - [Cited by 95 records](#) 50+

76. Search for B(s) and B to dimuon decays in pp collisions at 7 TeV

(93) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jul 2011. 27 pp.

Published in **Phys.Rev.Lett.** **107** (2011) **191802**

CERN-PH-EP-2011-120, CMS-BPH-11-002

DOI: [10.1103/PhysRevLett.107.191802](https://doi.org/10.1103/PhysRevLett.107.191802)

e-Print: [arXiv:1107.5834](https://arxiv.org/abs/1107.5834) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 93 records](#) 50+

77. Measurement of the W^+W^- cross section in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous gauge couplings

(92) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Jul 12, 2015. 42 pp.

Published in **Eur.Phys.J.** **C76** (2016) no.7, **401**

CMS-SMP-14-016, CERN-PH-EP-2015-122

DOI: [10.1140/epjc/s10052-016-4219-1](https://doi.org/10.1140/epjc/s10052-016-4219-1)

e-Print: [arXiv:1507.03268](https://arxiv.org/abs/1507.03268) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Figures, tables and other information](#); [Link to Fulltext from Publisher](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 92 records](#) 50+

78. Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s} = 7$ TeV

(92) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Apr 2011. 20 pp.

Published in **Phys.Lett.** **B700** (2011) **187-206**

CERN-PH-EP-2011-042, CMS-QCD-10-025

DOI: [10.1016/j.physletb.2011.05.027](https://doi.org/10.1016/j.physletb.2011.05.027)

e-Print: [arXiv:1104.1693](https://arxiv.org/abs/1104.1693) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 92 records](#) 50+

79. Performance of the CMS Hadron Calorimeter with Cosmic Ray Muons and LHC Beam Data

(92) CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 35 pp.

Published in **JINST** **5** (2010) **T03012**

CMS-CFT-09-009

DOI: [10.1088/1748-0221/5/03/T03012](https://doi.org/10.1088/1748-0221/5/03/T03012)

e-Print: [arXiv:0911.4991](https://arxiv.org/abs/0911.4991) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 92 records](#) 50+

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

(90) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Oct 2011. 41 pp.

Published in **Phys.Rev.** **D84** (2011) **112002**

CMS-EWK-11-003, CERN-PH-EP-2011-159

DOI: [10.1103/PhysRevD.84.112002](https://doi.org/10.1103/PhysRevD.84.112002)e-Print: [arXiv:1110.2682](https://arxiv.org/abs/1110.2682) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)[Detailed record](#) - [Cited by 90 records](#) 50+**81. Search for Supersymmetry in pp Collisions at $\sqrt{s} = 7$ TeV in Events with Two Photons and Missing Transverse Energy**

(89)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Mar 2011. 15 pp.Published in **Phys.Rev.Lett.** **106** (2011) 211802

CERN-PH-EP-2011-007, CMS-SUS-10-002

DOI: [10.1103/PhysRevLett.106.211802](https://doi.org/10.1103/PhysRevLett.106.211802)e-Print: [arXiv:1103.0953](https://arxiv.org/abs/1103.0953) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 89 records](#) 50+**82. First Measurement of the Underlying Event Activity at the LHC with $\sqrt{s} = 0.9$ TeV**

(89)

[CMS](#) Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). 2010. 30 pp.Published in **Eur.Phys.J.** **C70** (2010) 555-572

CERN-PH-EP-2010-014, CMS-QCD-10-001

DOI: [10.1140/epjc/s10052-010-1453-9](https://doi.org/10.1140/epjc/s10052-010-1453-9)e-Print: [arXiv:1006.2083](https://arxiv.org/abs/1006.2083) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 89 records](#) 50+**83. Measurement of the Top-antitop Production Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV using the Kinematic Properties of Events with Leptons and Jets**

(88)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jun 2011. 39 pp.Published in **Eur.Phys.J.** **C71** (2011) 1721

CERN-PH-EP-2011-060, CMS-TOP-10-002

DOI: [10.1140/epjc/s10052-011-1721-3](https://doi.org/10.1140/epjc/s10052-011-1721-3)e-Print: [arXiv:1106.0902](https://arxiv.org/abs/1106.0902) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 88 records](#) 50+**84. Measurement of the Drell-Yan Cross Section in pp Collisions at $\sqrt{s} = 7$ TeV**

(86)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Aug 2011. 41 pp.Published in **JHEP** **1110** (2011) 007

CERN-PH-EP-2011-093, CMS-EWK-10-007

DOI: [10.1007/JHEP10\(2011\)007](https://doi.org/10.1007/JHEP10(2011)007)e-Print: [arXiv:1108.0566](https://arxiv.org/abs/1108.0566) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 86 records](#) 50+**85. Measurement of $W\gamma$ and $Z\gamma$ production in pp collisions at $\sqrt{s} = 7$ TeV**

(86)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). May 2011. 21 pp.Published in **Phys.Lett.** **B701** (2011) 535-555

CERN-PH-EP-2011-045, CMS-EWK-10-008

DOI: [10.1016/j.physletb.2011.06.034](https://doi.org/10.1016/j.physletb.2011.06.034)e-Print: [arXiv:1105.2758](https://arxiv.org/abs/1105.2758) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 86 records](#) 50+**86. Search for Heavy Stable Charged Particles in pp collisions at $\sqrt{s} = 7$ TeV**

(86)

[CMS](#) Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jan 2011. 26 pp.Published in **JHEP** **1103** (2011) 024

CERN-PH-EP-2010-067, CMS-EXO-10-011

DOI: [10.1007/JHEP03\(2011\)024](https://doi.org/10.1007/JHEP03(2011)024)

e-Print: [arXiv:1101.1645](https://arxiv.org/abs/1101.1645) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#)

[Detailed record](#) - [Cited by 86 records](#) 50+

87. **Measurement of the Strange B Meson Production Cross Section with $J/\Psi \phi$ Decays in pp Collisions at $\sqrt{s} = 7$ TeV**

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jun 2011. 16 pp.

Published in **Phys.Rev. D84 (2011) 052008**

CERN-PH-EP-2011-063, CMS-BPH-10-013

DOI: [10.1103/PhysRevD.84.052008](https://doi.org/10.1103/PhysRevD.84.052008)

e-Print: [arXiv:1106.4048](https://arxiv.org/abs/1106.4048) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 84 records](#) 50+

88. **Identification and Filtering of Uncharacteristic Noise in the CMS Hadron Calorimeter**

[CMS](#) Collaboration ([S Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Nov 2009. 29 pp.

Published in **JINST 5 (2010) T03014**

CMS-CFT-09-019

DOI: [10.1088/1748-0221/5/03/T03014](https://doi.org/10.1088/1748-0221/5/03/T03014)

e-Print: [arXiv:0911.4881](https://arxiv.org/abs/0911.4881) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 84 records](#) 50+

89. **Search for a Vector-like Quark with Charge 2/3 in $t + Z$ Events from pp Collisions at $\sqrt{s} = 7$ TeV**

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Sep 2011. 15 pp.

Published in **Phys.Rev.Lett. 107 (2011) 271802**

CERN-PH-EP-2011-139, CMS-EXO-11-005

DOI: [10.1103/PhysRevLett.107.271802](https://doi.org/10.1103/PhysRevLett.107.271802)

e-Print: [arXiv:1109.4985](https://arxiv.org/abs/1109.4985) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 82 records](#) 50+

90. **Performance and Operation of the CMS Electromagnetic Calorimeter**

[CMS](#) Collaboration ([S Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Oct 2009. 39 pp.

Published in **JINST 5 (2010) T03010**

CMS-CFT-09-004

DOI: [10.1088/1748-0221/5/03/T03010](https://doi.org/10.1088/1748-0221/5/03/T03010)

e-Print: [arXiv:0910.3423](https://arxiv.org/abs/0910.3423) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 81 records](#) 50+

91. **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 $\sqrt{s} = 7$ TeV**

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Feb 2012.

Published in **JHEP 1206 (2012) 036**

CMS-FWD-11-002, CERN-PH-EP-2011-179

DOI: [10.1007/JHEP06\(2012\)036](https://doi.org/10.1007/JHEP06(2012)036)

e-Print: [arXiv:1202.0704](https://arxiv.org/abs/1202.0704) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 80 records](#) 50+

92. **Inclusive b-Hadron Production Cross Section with Muons in pp Collisions at**

$$\sqrt{s} = 7 \text{ TeV}$$

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Jan 2011. 28 pp.

Published in **JHEP 1103 (2011) 090**

CERN-PH-EP-2010-088, CMS-BPH-10-007

DOI: [10.1007/JHEP03\(2011\)090](https://doi.org/10.1007/JHEP03(2011)090)

e-Print: [arXiv:1101.3512](https://arxiv.org/abs/1101.3512) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 80 records](#) 50+

93. Measurement of Bose-Einstein Correlations in pp Collisions at $\sqrt{s} = 0.9$ and 7 TeV

(79) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Jan 2011. 28 pp.

Published in **JHEP 1105 (2011) 029**

CERN-PH-EP-2010-091, CMS-QCD-10-023

DOI: [10.1007/JHEP05\(2011\)029](https://doi.org/10.1007/JHEP05(2011)029)

e-Print: [arXiv:1101.3518](https://arxiv.org/abs/1101.3518) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 79 records](#) 50+

94. Dijet Azimuthal Decorrelations in pp Collisions at $\sqrt{s} = 7\sim\text{TeV}$

(77) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Jan 2011. 28 pp.

Published in **Phys.Rev.Lett. 106 (2011) 122003**

CERN-PH-EP-2010-086, CMS-QCD-10-026

DOI: [10.1103/PhysRevLett.106.122003](https://doi.org/10.1103/PhysRevLett.106.122003)

e-Print: [arXiv:1101.5029](https://arxiv.org/abs/1101.5029) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 77 records](#) 50+

95. First Measurement of Bose-Einstein Correlations in Proton-Proton Collisions at $\sqrt{s} = 0.9$ and 2.36 TeV at the LHC

(77) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). May 2010. 24 pp.

Published in **Phys.Rev.Lett. 105 (2010) 032001**

CERN-PH-EP-2010-010, CMS-QCD-10-003

DOI: [10.1103/PhysRevLett.105.032001](https://doi.org/10.1103/PhysRevLett.105.032001)

e-Print: [arXiv:1005.3294](https://arxiv.org/abs/1005.3294) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 77 records](#) 50+

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

(76) CMS Collaboration (A.M. Sirunyan *et al.*). Sep 15, 2017. 58 pp.

Published in **JHEP 1803 (2018) 166**

CMS-SUS-16-039, CERN-EP-2017-121

DOI: [10.1007/JHEP03\(2018\)166](https://doi.org/10.1007/JHEP03(2018)166)

e-Print: [arXiv:1709.05406](https://arxiv.org/abs/1709.05406) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 76 records](#) 50+

97. Commissioning of the CMS Experiment and the Cosmic Run at Four Tesla

(76) CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 37 pp.

Published in **JINST 5 (2010) T03001**

CMS-CFT-09-008

DOI: [10.1088/1748-0221/5/03/T03001](https://doi.org/10.1088/1748-0221/5/03/T03001)

e-Print: [arXiv:0911.4845](https://arxiv.org/abs/0911.4845) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 76 records](#) 50+

98. Search for new physics in same-sign dilepton events in proton–proton collisions at

(75) $\sqrt{s} = 13$ TeV

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). May 10, 2016. 40 pp.

Published in **Eur.Phys.J. C76 (2016) no.8, 439**

CMS-SUS-15-008, CERN-EP-2016-119

DOI: [10.1140/epjc/s10052-016-4261-z](https://doi.org/10.1140/epjc/s10052-016-4261-z)

e-Print: [arXiv:1605.03171](https://arxiv.org/abs/1605.03171) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Figures, tables and other information](#)

[Detailed record](#) - [Cited by 75 records](#) 50+

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

(75) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2012. 33 pp.

Published in **JHEP 1204 (2012) 084**

CMS-BPH-11-022, CERN-PH-EP-2012-036

DOI: [10.1007/JHEP04\(2012\)084](https://doi.org/10.1007/JHEP04(2012)084)

e-Print: [arXiv:1202.4617](https://arxiv.org/abs/1202.4617) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 75 records](#) 50+

100. Search for New Physics with a Mono-Jet and Missing Transverse Energy in pp

(75) **Collisions at $\sqrt{s} = 7$ TeV**

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jun 2011. 15 pp.

Published in **Phys.Rev.Lett. 107 (2011) 201804**

CERN-PH-EP-2011-070, CMS-EXO-11-003

DOI: [10.1103/PhysRevLett.107.201804](https://doi.org/10.1103/PhysRevLett.107.201804)

e-Print: [arXiv:1106.4775](https://arxiv.org/abs/1106.4775) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 75 records](#) 50+

101. Measurement of the inelastic proton-proton cross section at $\sqrt{s} = 13$ TeV

(74) CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Feb 7, 2018. 30 pp.

Published in **JHEP 1807 (2018) 161**

CMS-FSQ-15-005, CERN-EP-2018-004

DOI: [10.1007/JHEP07\(2018\)161](https://doi.org/10.1007/JHEP07(2018)161)

e-Print: [arXiv:1802.02613](https://arxiv.org/abs/1802.02613) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 74 records](#) 50+

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

(74) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Apr 2012.

Published in **Eur.Phys.J. C72 (2012) 2080**

CMS-QCD-11-012, CERN-PH-EP-2012-085

DOI: [10.1140/epjc/s10052-012-2080-4](https://doi.org/10.1140/epjc/s10052-012-2080-4)

e-Print: [arXiv:1204.1411](https://arxiv.org/abs/1204.1411) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 74 records](#) 50+

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

(74) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2012.

Published in **JHEP 1204 (2012) 061**

CMS-EXO-11-071, CERN-PH-EP-2012-045

DOI: [10.1007/JHEP04\(2012\)061](https://doi.org/10.1007/JHEP04(2012)061)

e-Print: [arXiv:1202.6396](https://arxiv.org/abs/1202.6396) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 74 records](#) 50+

104. **Measurement of the differential cross section and charge asymmetry for inclusive**

(73) **$pp \rightarrow W^\pm + X$ production at $\sqrt{s} = 8$ TeV**

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Mar 6, 2016. 38 pp.

Published in **Eur.Phys.J. C76 (2016) no.8, 469**

CMS-SMP-14-022, CERN-EP-2016-043

DOI: [10.1140/epjc/s10052-016-4293-4](#)

e-Print: [arXiv:1603.01803](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link](#)

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Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 73 records](#) 50+

105. **Measurement of $t\bar{t}$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8$ TeV**

(73) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Oct 11, 2015. 74 pp.

Published in **Eur.Phys.J. C76 (2016) no.7, 379**

CMS-TOP-12-041, CERN-PH-EP-2015-240

DOI: [10.1140/epjc/s10052-016-4105-x](#)

e-Print: [arXiv:1510.03072](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link](#)

[to Figures, tables and other information](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 73 records](#) 50+

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

(73) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jun 2011. 22 pp.

Published in **JHEP 1108 (2011) 005**

CERN-PH-EP-2011-087, CMS-EXO-11-065

DOI: [10.1007/JHEP08\(2011\)005](#)

e-Print: [arXiv:1106.2142](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 73 records](#) 50+

107. **Precise Mapping of the Magnetic Field in the CMS Barrel Yoke using Cosmic Rays**

(73) CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Oct 2009. 35 pp.

Published in **JINST 5 (2010) T03021**

CMS-CFT-09-015

DOI: [10.1088/1748-0221/5/03/T03021](#)

e-Print: [arXiv:0910.5530](#) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 73 records](#) 50+

108. **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**

(72) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Sep 17, 2016. 48 pp.

Published in **JHEP 1703 (2017) 156**

CMS-SMP-14-001, CERN-EP-2016-196

DOI: [10.1007/JHEP03\(2017\)156](#)

e-Print: [arXiv:1609.05331](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 72 records](#) 50+

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

(72)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). 2012. 7 pp.
Published in **Science** **338** (2012) 1569-1575
DOI: [10.1126/science.1230816](https://doi.org/10.1126/science.1230816)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [Link to Preprint](#)

[Detailed record](#) - [Cited by 72 records](#) 50+

110. Search for Quark Compositeness with the Dijet Centrality Ratio in pp Collisions at $\sqrt{s} = 7$ TeV
(72)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Oct 2010.
Published in **Phys.Rev.Lett.** **105** (2010) 262001
CMS-EXO-10-002, CERN-PH-EP-2010-038
DOI: [10.1103/PhysRevLett.105.262001](https://doi.org/10.1103/PhysRevLett.105.262001)
e-Print: [arXiv:1010.4439](https://arxiv.org/abs/1010.4439) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 72 records](#) 50+

111. Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7$ TeV
(71)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2012. 29 pp.
Published in **JHEP** **1205** (2012) 055
CMS-EXO-11-017, CERN-PH-EP-2012-044
DOI: [10.1007/JHEP05\(2012\)055](https://doi.org/10.1007/JHEP05(2012)055)
e-Print: [arXiv:1202.5535](https://arxiv.org/abs/1202.5535) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 71 records](#) 50+

112. Suppression and azimuthal anisotropy of prompt and nonprompt J/ψ production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV
(69)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Oct 3, 2016. 42 pp.
Published in **Eur.Phys.J.** **C77** (2017) no.4, 252
CMS-HIN-14-005, CERN-EP-2016-243
DOI: [10.1140/epjc/s10052-017-4781-1](https://doi.org/10.1140/epjc/s10052-017-4781-1)
e-Print: [arXiv:1610.00613](https://arxiv.org/abs/1610.00613) [nucl-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Fulltext](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 69 records](#) 50+

113. Search for Physics Beyond the Standard Model in Opposite-Sign Dilepton Events at $\sqrt{s} = 7$ TeV
(69)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Mar 2011.
Published in **JHEP** **1106** (2011) 026
CMS-SUS-10-007, CERN-PH-EP-2011-016
DOI: [10.1007/JHEP06\(2011\)026](https://doi.org/10.1007/JHEP06(2011)026)
e-Print: [arXiv:1103.1348](https://arxiv.org/abs/1103.1348) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 69 records](#) 50+

114. Search for Anomalous Single Top Quark Production in Association with a Photon in pp Collisions at $\sqrt{s} = 8$ TeV
(68)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Nov 12, 2015. 34 pp.
Published in **JHEP** **1604** (2016) 035
CMS-TOP-14-003, CERN-PH-EP-2015-287
DOI: [10.1007/JHEP04\(2016\)035](https://doi.org/10.1007/JHEP04(2016)035)
e-Print: [arXiv:1511.03951](https://arxiv.org/abs/1511.03951) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Figures, tables and other information](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 68 records](#) 50+

115. Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s} = 8$ TeV

(68)

[CMS](#) Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Sep 12, 2015. 32 pp.

Published in **Phys.Rev. D93 (2016) no.3, 032004**

CMS-EXO-12-041, CERN-PH-EP-2015-197

DOI: [10.1103/PhysRevD.93.032004](#)

e-Print: [arXiv:1509.03744](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 68 records](#) 50+

116. Measurement of the Polarization of W Bosons with Large Transverse Momenta in W+Jets Events at the LHC

(68)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Apr 2011. 24 pp.

Published in **Phys.Rev.Lett. 107 (2011) 021802**

CERN-PH-EP-2011-043, CMS-EWK-10-014

DOI: [10.1103/PhysRevLett.107.021802](#)

e-Print: [arXiv:1104.3829](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 68 records](#) 50+

117. First Measurement of Hadronic Event Shapes in pp Collisions at $\sqrt{s} = 7$ TeV

(67)

[CMS](#) Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Feb 2011. 20 pp.

Published in **Phys.Lett. B699 (2011) 48-67**

CERN-PH-EP-2010-072, CMS-QCD-10-013

DOI: [10.1016/j.physletb.2011.03.060](#)

e-Print: [arXiv:1102.0068](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 67 records](#) 50+

118. Search for Stopped Gluinos in pp collisions at $\sqrt{s} = 7$ TeV

(67)

[CMS](#) Collaboration ([Vardan Khachatryan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Nov 2010.

Published in **Phys.Rev.Lett. 106 (2011) 011801**

CERN-PH-EP-2010-049, CMS-EXO-10-003

DOI: [10.1103/PhysRevLett.106.011801](#)

e-Print: [arXiv:1011.5861](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 67 records](#) 50+

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

(65)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jun 2011. 23 pp.

Published in **Phys.Lett. B704 (2011) 411-433**

CERN-PH-EP-2011-046, CMS-SUS-10-008

DOI: [10.1016/j.physletb.2011.09.047](#)

e-Print: [arXiv:1106.0933](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 65 records](#) 50+

120. Search for the standard model Higgs boson in the H to ZZ to $2\ell 2\nu$ channel in pp collisions at $\sqrt{s} = 7$ TeV

(64)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Feb 2012.

Published in **JHEP 1203 (2012) 040**

CMS-HIG-11-026, CERN-PH-EP-2012-033

DOI: [10.1007/JHEP03\(2012\)040](#)

e-Print: [arXiv:1202.3478](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 64 records](#) 50+

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

(64)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jul 2011. 40 pp.

Published in **JHEP 1108 (2011) 156**

CERN-PH-EP-2011-084, CMS-SUS-10-006

DOI: [10.1007/JHEP08\(2011\)156](#)

e-Print: [arXiv:1107.1870](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 64 records](#) 50+

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

(63)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Oct 2011. 38 pp.

Published in **JHEP 1201 (2012) 133**

CERN-PH-EP-2011-171, CMS-QCD-10-035

DOI: [10.1007/JHEP01\(2012\)133](#)

e-Print: [arXiv:1110.6461](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 63 records](#) 50+

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

(63)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Oct 2011. 37 pp.

Published in **JHEP 1111 (2011) 148**, Erratum: **JHEP 1202 (2012) 055**

CERN-PH-EP-2011-086, CMS-FWD-10-011

DOI: [10.1007/JHEP02\(2012\)055](#), [10.1007/JHEP11\(2011\)148](#)

e-Print: [arXiv:1110.0211](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 63 records](#) 50+

124. **Measurement of the charge ratio of atmospheric muons with the CMS detector**

(63)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). May 2010. 32 pp.

Published in **Phys.Lett. B692 (2010) 83-104**

CERN-PH-EP-2010-011, CMS-MUO-10-001

DOI: [10.1016/j.physletb.2010.07.033](#)

e-Print: [arXiv:1005.5332](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 63 records](#) 50+

125. **Measurement of the double-differential inclusive jet cross section in proton–proton collisions at $\sqrt{s} = 13$ TeV**

(62)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). May 14, 2016. 36 pp.

Published in **Eur.Phys.J. C76 (2016) no.8, 451**

CMS-SMP-15-007, CERN-EP-2016-104

DOI: [10.1140/epjc/s10052-016-4286-3](#)

e-Print: [arXiv:1605.04436](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Figures, tables and other information](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 62 records](#) 50+

126. **Measurements of $t\bar{t}$ spin correlations and top quark polarization using dilepton final states in pp collisions at $\sqrt{s} = 8$ TeV**

(62)

CMS Collaboration (V. Khachatryan *et al.*). Jan 6, 2016. 25 pp.

Published in **Phys.Rev. D93 (2016) no.5, 052007**

CMS-TOP-14-023, CERN-PH-EP-2015-333

DOI: [10.1103/PhysRevD.93.052007](https://doi.org/10.1103/PhysRevD.93.052007)

e-Print: [arXiv:1601.01107](https://arxiv.org/abs/1601.01107) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 62 records](#) 50+

127. **Commissioning and Performance of the CMS Pixel Tracker with Cosmic Ray Muons**

(62)

CMS Collaboration ([S Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Nov 2009. 37 pp.

Published in **JINST 5 (2010) T03007**

CMS-CFT-09-001

DOI: [10.1088/1748-0221/5/03/T03007](https://doi.org/10.1088/1748-0221/5/03/T03007)

e-Print: [arXiv:0911.5434](https://arxiv.org/abs/0911.5434) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 62 records](#) 50+

128. **Measurement of angular parameters from the decay $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s} = 8$ TeV**

(61)

CMS Collaboration ([Albert M Sirunyan](#) (Yerevan Phys. Inst.) *et al.*). Oct 8, 2017. 25 pp.

Published in **Phys.Lett. B781 (2018) 517-541**

CMS-BPH-15-008, CERN-EP-2017-240

DOI: [10.1016/j.physletb.2018.04.030](https://doi.org/10.1016/j.physletb.2018.04.030)

e-Print: [arXiv:1710.02846](https://arxiv.org/abs/1710.02846) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 61 records](#) 50+

129. **Search for a W' boson decaying to a muon and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV**

(58)

CMS Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Mar 2011. 20 pp.

Published in **Phys.Lett. B701 (2011) 160-179**

CERN-PH-EP-2011-012, CMS-EXO-10-015

DOI: [10.1016/j.physletb.2011.05.048](https://doi.org/10.1016/j.physletb.2011.05.048)

e-Print: [arXiv:1103.0030](https://arxiv.org/abs/1103.0030) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 58 records](#) 50+

130. **Search for Third-Generation Scalar Leptoquarks in the $t\tau$ Channel in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV**

(57)

CMS Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). Mar 31, 2015. 41 pp.

Published in **JHEP 1507 (2015) 042**, Erratum: **JHEP 1611 (2016) 056**

CMS-EXO-14-008, CERN-PH-EP-2015-063

DOI: [10.1007/JHEP11\(2016\)056](https://doi.org/10.1007/JHEP11(2016)056), [10.1007/JHEP07\(2015\)042](https://doi.org/10.1007/JHEP07(2015)042)

e-Print: [arXiv:1503.09049](https://arxiv.org/abs/1503.09049) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 57 records](#) 50+

131. **Search for Supersymmetry in Events with b Jets and Missing Transverse Momentum at the LHC**

(56)

CMS Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Jun 2011. 24 pp.

Published in **JHEP 1107 (2011) 113**

CERN-PH-EP-2011-067, CMS-SUS-10-011

DOI: [10.1007/JHEP07\(2011\)113](https://doi.org/10.1007/JHEP07(2011)113)

e-Print: [arXiv:1106.3272](https://arxiv.org/abs/1106.3272) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 56 records](#) 50+

132. Search for a Heavy Bottom-like Quark in pp Collisions at $\sqrt{s} = 7$ TeV

(56) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2011. 20 pp.
Published in **Phys.Lett. B701 (2011) 204-223**
CERN-PH-EP-2011-009, CMS-EXO-10-018
DOI: [10.1016/j.physletb.2011.05.074](https://doi.org/10.1016/j.physletb.2011.05.074)
e-Print: [arXiv:1102.4746](https://arxiv.org/abs/1102.4746) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 56 records](#) 50+

133. Commissioning and Performance of the CMS Silicon Strip Tracker with Cosmic Ray Muons

(56) CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 45 pp.
Published in **JINST 5 (2010) T03008**
CMS-CFT-09-002
DOI: [10.1088/1748-0221/5/03/T03008](https://doi.org/10.1088/1748-0221/5/03/T03008)
e-Print: [arXiv:0911.4996](https://arxiv.org/abs/0911.4996) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 56 records](#) 50+

134. 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

(55) CMS Collaboration (Albert M. Sirunyan (Yerevan Phys. Inst.) *et al.*). Jan 22, 2017. 38 pp.
Published in **JHEP 1709 (2017) 051**
CMS-TOP-16-006, CERN-EP-2016-321
DOI: [10.1007/JHEP09\(2017\)051](https://doi.org/10.1007/JHEP09(2017)051)
e-Print: [arXiv:1701.06228](https://arxiv.org/abs/1701.06228) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 55 records](#) 50+

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

(55) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Apr 2012. 37 pp.
Published in **JHEP 1206 (2012) 160**
CMS-QCD-10-029, CERN-PH-EP-2012-079
DOI: [10.1007/JHEP06\(2012\)160](https://doi.org/10.1007/JHEP06(2012)160)
e-Print: [arXiv:1204.3170](https://arxiv.org/abs/1204.3170) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)
Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 55 records](#) 50+

136. Study of B Meson Production in $p+Pb$ Collisions at $\sqrt{s_{NN}} = 5.02$ TeV Using Exclusive Hadronic Decays

(53) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Aug 26, 2015. 18 pp.
Published in **Phys.Rev.Lett. 116 (2016) no.3, 032301**
CMS-HIN-14-004, CERN-PH-EP-2015-209
DOI: [10.1103/PhysRevLett.116.032301](https://doi.org/10.1103/PhysRevLett.116.032301)
e-Print: [arXiv:1508.06678](https://arxiv.org/abs/1508.06678) [nucl-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)
Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 53 records](#) 50+

137. Measurement of the Z/γ^*+b -jet cross section in pp collisions at $\sqrt{s} = 7$ TeV

(52) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Apr 2012.
Published in **JHEP 1206 (2012) 126**
CMS-EWK-11-012, CERN-PH-EP-2012-049
DOI: [10.1007/JHEP06\(2012\)126](https://doi.org/10.1007/JHEP06(2012)126)
e-Print: [arXiv:1204.1643](https://arxiv.org/abs/1204.1643) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 52 records](#) 50+

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

(52) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jul 2011. 15 pp.
Published in **Phys.Rev.Lett.** **107** (2011) 101801
CERN-PH-EP-2011-089, CMS-EXO-11-001
DOI: [10.1103/PhysRevLett.107.101801](https://doi.org/10.1103/PhysRevLett.107.101801)
e-Print: [arXiv:1107.3084](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 52 records](#) 50+

139. Search for massive resonances decaying into WW , WZ or ZZ bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV

(51) CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Dec 29, 2016. 52 pp.
Published in **JHEP** **1703** (2017) 162
CMS-B2G-16-004, CERN-EP-2016-296
DOI: [10.1007/JHEP03\(2017\)162](https://doi.org/10.1007/JHEP03(2017)162)
e-Print: [arXiv:1612.09159](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 51 records](#) 50+

140. Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV

(48) CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). May 2011. 28 pp.
Published in **JHEP** **1106** (2011) 093
CERN-PH-EP-2011-058, CMS-SUS-11-002
DOI: [10.1007/JHEP06\(2011\)093](https://doi.org/10.1007/JHEP06(2011)093)
e-Print: [arXiv:1105.3152](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 48 records](#)

141. 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

(48) CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Dec 2010. 19 pp.
Published in **Phys.Lett.** **B698** (2011) 21-39
CMS-EXO-10-014, CERN-PH-EP-2010-074
DOI: [10.1016/j.physletb.2011.02.048](https://doi.org/10.1016/j.physletb.2011.02.048)
e-Print: [arXiv:1012.5945](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 48 records](#)

142. Performance of the CMS Level-1 Trigger during Commissioning with Cosmic Ray Muons

(48) CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 49 pp.
Published in **JINST** **5** (2010) T03002
CMS-CFT-09-013
DOI: [10.1088/1748-0221/5/03/T03002](https://doi.org/10.1088/1748-0221/5/03/T03002)
e-Print: [arXiv:0911.5422](#) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 48 records](#)

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

(46) CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Apr 11, 2017. 47 pp.
Published in **JHEP** **1707** (2017) 001
CMS-B2G-16-015, CERN-EP-2017-049
DOI: [10.1007/JHEP07\(2017\)001](https://doi.org/10.1007/JHEP07(2017)001)
e-Print: [arXiv:1704.03366](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 46 records](#)

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

(46)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Apr 2012.

Published in **Eur.Phys.J. C72 (2012) 2216**

CMS-FWD-10-014, CERN-PH-EP-2012-088

DOI: [10.1140/epjc/s10052-012-2216-6](#)

e-Print: [arXiv:1204.0696](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 46 records](#)

145. **Search for large extra dimensions in dimuon and dielectron events in pp collisions at $\sqrt{s} = 7$ TeV**

(46)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2012. 20 pp.

Published in **Phys.Lett. B711 (2012) 15-34**

CMS-EXO-11-087, CERN-PH-EP-2012-037

DOI: [10.1016/j.physletb.2012.03.029](#)

e-Print: [arXiv:1202.3827](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 46 records](#)

146. **Search for Pair Production of First-Generation Scalar Leptoquarks in pp Collisions at $\sqrt{s} = 7$ TeV**

(46)

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Dec 2010. 24 pp.

Published in **Phys.Rev.Lett. 106 (2011) 201802**

CERN-PH-EP-2010-052, CMS-EXO-10-005

DOI: [10.1103/PhysRevLett.106.201802](#)

e-Print: [arXiv:1012.4031](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 46 records](#)

147. **Search for Large Extra Dimensions in the Diphoton Final State at the Large Hadron Collider**

(45)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Mar 2011. 26 pp.

Published in **JHEP 1105 (2011) 085**

CERN-PH-EP-2011-020, CMS-EXO-10-026

DOI: [10.1007/JHEP05\(2011\)085](#)

e-Print: [arXiv:1103.4279](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 45 records](#)

148. **Time Reconstruction and Performance of the CMS Electromagnetic Calorimeter**

(45)

CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 27 pp.

Published in **JINST 5 (2010) T03011**

CMS-CFT-09-006

DOI: [10.1088/1748-0221/5/03/T03011](#)

e-Print: [arXiv:0911.4044](#) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 45 records](#)

149. **Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV and impact on parton distribution functions**

(44)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Mar 5, 2017. 64 pp.

Published in **Eur.Phys.J. C77 (2017) no.7, 459**

CMS-TOP-14-013, CERN-EP-2017-030

DOI: [10.1140/epjc/s10052-017-4984-5](https://doi.org/10.1140/epjc/s10052-017-4984-5)e-Print: [arXiv:1703.01630](https://arxiv.org/abs/1703.01630) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 44 records](#)**150. Measurement of the W boson helicity fractions in the decays of top quark pairs to lepton + jets final states produced in pp collisions at $\sqrt{s} = 8\text{TeV}$**

(42)

[CMS](#) Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). May 29, 2016. 23 pp.Published in **Phys.Lett. B762 (2016) 512-534**

CMS-TOP-13-008, CERN-EP-2016-118

DOI: [10.1016/j.physletb.2016.10.007](https://doi.org/10.1016/j.physletb.2016.10.007)e-Print: [arXiv:1605.09047](https://arxiv.org/abs/1605.09047) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 42 records](#)**151. Search for Light Resonances Decaying into Pairs of Muons as a Signal of New Physics**

(42)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Jun 2011. 28 pp.Published in **JHEP 1107 (2011) 098**

CERN-PH-EP-2011-064, CMS-EXO-11-013

DOI: [10.1007/JHEP07\(2011\)098](https://doi.org/10.1007/JHEP07(2011)098)e-Print: [arXiv:1106.2375](https://arxiv.org/abs/1106.2375) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 42 records](#)**152. Performance of the CMS Drift Tube Chambers with Cosmic Rays**

(42)

[CMS](#) Collaboration ([S Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Nov 2009. 45 pp.Published in **JINST 5 (2010) T03015**

CMS-CFT-09-012

DOI: [10.1088/1748-0221/5/03/T03015](https://doi.org/10.1088/1748-0221/5/03/T03015)e-Print: [arXiv:0911.4855](https://arxiv.org/abs/0911.4855) [physics.ins-det] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)[Detailed record](#) - [Cited by 42 records](#)**153. Performance Study of the CMS Barrel Resistive Plate Chambers with Cosmic Rays**

(40)

[CMS](#) Collaboration ([S Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Nov 2009. 33 pp.Published in **JINST 5 (2010) T03017**

CMS-CFT-09-010

DOI: [10.1088/1748-0221/5/03/T03017](https://doi.org/10.1088/1748-0221/5/03/T03017)e-Print: [arXiv:0911.4045](https://arxiv.org/abs/0911.4045) [physics.ins-det] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 40 records](#)**154. Search for heavy neutral lepton production in K^+ decays**

(39)

[NA62](#) Collaboration ([Eduardo Cortina Gil](#) (Louvain U.) *et al.*). Dec 1, 2017. 9 pp.Published in **Phys.Lett. B778 (2018) 137-145**

CERN-EP-2017-311

DOI: [10.1016/j.physletb.2018.01.031](https://doi.org/10.1016/j.physletb.2018.01.031)e-Print: [arXiv:1712.00297](https://arxiv.org/abs/1712.00297) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [Link to Article from SCOAP3](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 39 records](#)**155. Observation of $\Upsilon(1S)$ pair production in proton-proton collisions at $\sqrt{s} = 8\text{TeV}$**

(39)

[CMS](#) Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). Oct 22, 2016. 30 pp.Published in **JHEP 1705 (2017) 013**

CMS-BPH-14-008, CERN-EP-2016-237

DOI: [10.1007/JHEP05\(2017\)013](https://doi.org/10.1007/JHEP05(2017)013)e-Print: [arXiv:1610.07095](https://arxiv.org/abs/1610.07095) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Fulltext](#); [Link to Figures, tables and other information](#)[Detailed record](#) - [Cited by 39 records](#)**156. Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV**

(38)

[CMS](#) Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). Nov 20, 2016. 32 pp.Published in **JHEP** **1702** (2017) **048**

CMS-EXO-16-008, CERN-EP-2016-273

DOI: [10.1007/JHEP02\(2017\)048](https://doi.org/10.1007/JHEP02(2017)048)e-Print: [arXiv:1611.06594](https://arxiv.org/abs/1611.06594) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Fulltext](#)[Detailed record](#) - [Cited by 38 records](#)**157. Comparison of the $Z/\gamma^* + \text{jets}$ to $\gamma + \text{jets}$ cross sections in pp collisions at $\sqrt{s} = 8$ TeV**

(37)

[CMS](#) Collaboration ([Vardan Khachatryan](#) (Yerevan Phys. Inst.) *et al.*). May 24, 2015. 40 pp.Published in **JHEP** **1510** (2015) **128**, Erratum: **JHEP** **1604** (2016) **010**

CMS-SMP-14-005, CERN-PH-EP-2015-089

DOI: [10.1007/JHEP04\(2016\)010](https://doi.org/10.1007/JHEP04(2016)010), [10.1007/JHEP10\(2015\)128](https://doi.org/10.1007/JHEP10(2015)128)e-Print: [arXiv:1505.06520](https://arxiv.org/abs/1505.06520) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 37 records](#)**158. Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton–proton collisions at $\sqrt{s} = 13$ TeV**

(36)

[CMS](#) Collaboration ([A.M. Sirunyan](#) *et al.*). Nov 1, 2017. 48 pp.Published in **Eur.Phys.J.** **C78** (2018) no.4, **291**

CMS-EXO-16-052, CERN-EP-2017-259

DOI: [10.1140/epjc/s10052-018-5740-1](https://doi.org/10.1140/epjc/s10052-018-5740-1)e-Print: [arXiv:1711.00431](https://arxiv.org/abs/1711.00431) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 36 records](#)**159. Search for First Generation Scalar Leptoquarks in the $e\nu jj$ channel in pp collisions at $\sqrt{s} = 7$ TeV**

(36)

[CMS](#) Collaboration ([Serguei Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). May 2011. 21 pp.Published in **Phys.Lett.** **B703** (2011) **246-266**

CERN-PH-EP-2011-062, CMS-EXO-10-006

DOI: [10.1016/j.physletb.2011.07.089](https://doi.org/10.1016/j.physletb.2011.07.089)e-Print: [arXiv:1105.5237](https://arxiv.org/abs/1105.5237) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 36 records](#)**160. Search for the pair production of third-generation squarks with two-body decays to a bottom or charm quark and a neutralino in proton–proton collisions at $\sqrt{s} = 13$ TeV**

(35)

[CMS](#) Collaboration ([Albert M Sirunyan](#) (Yerevan Phys. Inst.) *et al.*). Jul 23, 2017. 29 pp.Published in **Phys.Lett.** **B778** (2018) **263-291**

CMS-SUS-16-032, CERN-EP-2017-144

DOI: [10.1016/j.physletb.2018.01.012](https://doi.org/10.1016/j.physletb.2018.01.012)e-Print: [arXiv:1707.07274](https://arxiv.org/abs/1707.07274) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 35 records](#)

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

(35)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Mar 2012.
Published in **JHEP** **1206** (2012) 110
CMS-BPH-10-015, CERN-PH-EP-2012-057
DOI: [10.1007/JHEP06\(2012\)110](https://doi.org/10.1007/JHEP06(2012)110)
e-Print: [arXiv:1203.3458](https://arxiv.org/abs/1203.3458) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)
Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 35 records](#)

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

(35)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jun 2011. 19 pp.
Published in **Phys.Lett.** **B702** (2011) 336-354
CERN-PH-EP-2011-044, CMS-QCD-10-012
DOI: [10.1016/j.physletb.2011.07.067](https://doi.org/10.1016/j.physletb.2011.07.067)
e-Print: [arXiv:1106.0647](https://arxiv.org/abs/1106.0647) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 35 records](#)

163. **Search for the standard model Higgs boson in the H to ZZ to $\ell\ell\tau\tau$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV**

(34)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Feb 2012.
Published in **JHEP** **1203** (2012) 081
CMS-HIG-11-028, CERN-PH-EP-2012-038
DOI: [10.1007/JHEP03\(2012\)081](https://doi.org/10.1007/JHEP03(2012)081)
e-Print: [arXiv:1202.3617](https://arxiv.org/abs/1202.3617) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 34 records](#)

164. **Performance of the CMS Cathode Strip Chambers with Cosmic Rays**

(34)

CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 39 pp.
Published in **JINST** **5** (2010) T03018
CMS-CFT-09-011
DOI: [10.1088/1748-0221/5/03/T03018](https://doi.org/10.1088/1748-0221/5/03/T03018)
e-Print: [arXiv:0911.4992](https://arxiv.org/abs/0911.4992) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 34 records](#)

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

(32)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Jun 25, 2017.
Published in **JHEP** **1710** (2017) 006
CMS-TOP-14-008, CERN-EP-2017-112
DOI: [10.1007/JHEP10\(2017\)006](https://doi.org/10.1007/JHEP10(2017)006)
e-Print: [arXiv:1706.08128](https://arxiv.org/abs/1706.08128) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Figures, tables and other information](#)

[Detailed record](#) - [Cited by 32 records](#)

166. **Measurements of $t\bar{t}$ cross sections in association with b jets and inclusive jets and their ratio using dilepton final states in pp collisions at $\sqrt{s} = 13$ TeV**

(30)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). May 29, 2017. 24 pp.
Published in **Phys.Lett.** **B776** (2018) 355-378
CMS-TOP-16-010, CERN-EP-2017-069

DOI: [10.1016/j.physletb.2017.11.043](https://doi.org/10.1016/j.physletb.2017.11.043)e-Print: [arXiv:1705.10141](https://arxiv.org/abs/1705.10141) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)[Detailed record](#) - [Cited by 30 records](#)**167. Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV**

(29)

CMS Collaboration ([Albert M Sirunyan \(Yerevan Phys. Inst.\) et al.](#)). May 30, 2017. 18 pp.Published in **Phys.Rev.Lett.** **119** (2017) no.11, 111802

CMS-EXO-16-030, CERN-EP-2017-098

DOI: [10.1103/PhysRevLett.119.111802](https://doi.org/10.1103/PhysRevLett.119.111802)e-Print: [arXiv:1705.10532](https://arxiv.org/abs/1705.10532) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)[Detailed record](#) - [Cited by 29 records](#)**168. Measurement of the top quark mass using charged particles in pp collisions at $\sqrt{s} = 8$ TeV**

(29)

CMS Collaboration ([Vardan Khachatryan \(Yerevan Phys. Inst.\) et al.](#)). Mar 21, 2016. 29 pp.Published in **Phys.Rev.** **D93** (2016) no.9, 092006

CMS-TOP-12-030, CERN-EP-2016-062

DOI: [10.1103/PhysRevD.93.092006](https://doi.org/10.1103/PhysRevD.93.092006)e-Print: [arXiv:1603.06536](https://arxiv.org/abs/1603.06536) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Figures, tables and other information](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 29 records](#)**169. Commissioning of the CMS High-Level Trigger with Cosmic Rays**

(27)

CMS Collaboration ([S Chatrchyan \(Yerevan Phys. Inst.\) et al.](#)). Nov 2009. 31 pp.Published in **JINST** **5** (2010) T03005

CMS-CFT-09-020

DOI: [10.1088/1748-0221/5/03/T03005](https://doi.org/10.1088/1748-0221/5/03/T03005)e-Print: [arXiv:0911.4889](https://arxiv.org/abs/0911.4889) [physics.ins-det] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 27 records](#)**170. Measurement of Spin Correlations in $t\bar{t}$ Production using the Matrix Element Method in the Muon+Jets Final State in pp Collisions at $\sqrt{s} = 8$ TeV**

(26)

CMS Collaboration ([Vardan Khachatryan \(Yerevan Phys. Inst.\) et al.](#)). Nov 19, 2015. 26 pp.Published in **Phys.Lett.** **B758** (2016) 321-346

CMS-TOP-13-015, CERN-PH-EP-2015-289

DOI: [10.1016/j.physletb.2016.05.005](https://doi.org/10.1016/j.physletb.2016.05.005)e-Print: [arXiv:1511.06170](https://arxiv.org/abs/1511.06170) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Figures, tables and other information](#)Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 26 records](#)**171. Prospects for $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ at CERN in NA62**

(26)

Francis Newson (Birmingham U.) et al.. Nov 1, 2014. 8 pp.Conference: [C14-07-10.1](#)e-Print: [arXiv:1411.0109](https://arxiv.org/abs/1411.0109) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#)[Detailed record](#) - [Cited by 26 records](#)**172. Alignment of the CMS Muon System with Cosmic-Ray and Beam-Halo Muons**

(26)

CMS Collaboration ([S Chatrchyan \(Yerevan Phys. Inst.\) et al.](#)). Nov 2009. 41 pp.Published in **JINST** **5** (2010) T03020

CMS-CFT-09-016

DOI: [10.1088/1748-0221/5/03/T03020](https://doi.org/10.1088/1748-0221/5/03/T03020)e-Print: [arXiv:0911.4022](https://arxiv.org/abs/0911.4022) [physics.ins-det] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 26 records](#)**173. Suppression of Excited Υ States Relative to the Ground State in Pb-Pb Collisions**⁽²⁵⁾ **at $\sqrt{s_{NN}}=5.02$ TeV**CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Jun 19, 2017. 17 pp.Published in **Phys.Rev.Lett.** **120** (2018) no.14, 142301

CMS-HIN-16-008, CERN-EP-2017-080

DOI: [10.1103/PhysRevLett.120.142301](https://doi.org/10.1103/PhysRevLett.120.142301)e-Print: [arXiv:1706.05984](https://arxiv.org/abs/1706.05984) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Fulltext](#)
Data: [INSPIRE](#) | [HepData](#)[Detailed record](#) - [Cited by 25 records](#)**174. Search for Pair Production of Second-Generation Scalar Leptoquarks in pp** ⁽²⁵⁾ **Collisions at $\sqrt{s} = 7$ TeV**CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). Dec 2010.Published in **Phys.Rev.Lett.** **106** (2011) 201803

CERN-PH-EP-2010-054, CMS-EXO-10-007

DOI: [10.1103/PhysRevLett.106.201803](https://doi.org/10.1103/PhysRevLett.106.201803)e-Print: [arXiv:1012.4033](https://arxiv.org/abs/1012.4033) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 25 records](#)**175. Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States**⁽²⁴⁾ **in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV**CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Aug 26, 2017. 17 pp.Published in **Phys.Rev.Lett.** **119** (2017) no.22, 221802

CMS-EXO-17-006, CERN-EP-2017-194

DOI: [10.1103/PhysRevLett.119.221802](https://doi.org/10.1103/PhysRevLett.119.221802)e-Print: [arXiv:1708.07962](https://arxiv.org/abs/1708.07962) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#)[Detailed record](#) - [Cited by 24 records](#)**176. Search for heavy resonances decaying to a top quark and a bottom quark in the**⁽²³⁾ **lepton+jets final state in proton-proton collisions at 13 TeV**CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Aug 28, 2017. 25 pp.Published in **Phys.Lett.** **B777** (2018) 39-63

CMS-B2G-17-010, CERN-EP-2017-196

DOI: [10.1016/j.physletb.2017.12.006](https://doi.org/10.1016/j.physletb.2017.12.006)e-Print: [arXiv:1708.08539](https://arxiv.org/abs/1708.08539) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)[Detailed record](#) - [Cited by 23 records](#)**177. Forward Energy Flow, Central Charged-Particle Multiplicities, and Pseudorapidity**⁽²³⁾ **Gaps in W and Z Boson Events from pp Collisions at $\sqrt{s} = 7$ TeV**CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Oct 2011. 28 pp.Published in **Eur.Phys.J.** **C72** (2012) 1839

CERN-PH-EP-2011-141, CMS-FWD-10-008

DOI: [10.1140/epjc/s10052-011-1839-3](https://doi.org/10.1140/epjc/s10052-011-1839-3)e-Print: [arXiv:1110.0181](https://arxiv.org/abs/1110.0181) [hep-ex] | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)[Detailed record](#) - [Cited by 23 records](#)**178. Performance of CMS Hadron Calorimeter Timing and Synchronization using Test**

(23) **Beam, Cosmic Ray, and LHC Beam Data**

CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 31 pp.

Published in **JINST 5 (2010) T03013**

CMS-CFT-09-018

DOI: [10.1088/1748-0221/5/03/T03013](https://doi.org/10.1088/1748-0221/5/03/T03013)

e-Print: [arXiv:0911.4877](https://arxiv.org/abs/0911.4877) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 23 records](#)

179. **Measurement of the groomed jet mass in PbPb and pp collisions at $\sqrt{s_{\text{NN}}} = 5.02$** (22) **TeV**

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). May 14, 2018. 35 pp.

Published in **JHEP 1810 (2018) 161**

CMS-HIN-16-024, CERN-EP-2018-097

DOI: [10.1007/JHEP10\(2018\)161](https://doi.org/10.1007/JHEP10(2018)161)

e-Print: [arXiv:1805.05145](https://arxiv.org/abs/1805.05145) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Figures, tables and other information](#); [Link to Article from SCOAP3](#)
 Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 22 records](#)

180. **Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s} = 13$ TeV**

(22)

CMS Collaboration (A.M. Sirunyan *et al.*). Dec 31, 2017. 42 pp.

Published in **JHEP 1805 (2018) 127**

CMS-EXO-16-004, CERN-EP-2017-330

DOI: [10.1007/JHEP05\(2018\)127](https://doi.org/10.1007/JHEP05(2018)127)

e-Print: [arXiv:1801.00359](https://arxiv.org/abs/1801.00359) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)
 Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 22 records](#)

181. **Search for $Z\gamma$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV**

(22)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Dec 8, 2017. 43 pp.

Published in **JHEP 1809 (2018) 148**

CMS-EXO-17-005, CERN-EP-2017-301

DOI: [10.1007/JHEP09\(2018\)148](https://doi.org/10.1007/JHEP09(2018)148)

e-Print: [arXiv:1712.03143](https://arxiv.org/abs/1712.03143) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 22 records](#)

182. **CMS Data Processing Workflows during an Extended Cosmic Ray Run**

(22)

CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 43 pp.

Published in **JINST 5 (2010) T03006**

CMS-CFT-09-007

DOI: [10.1088/1748-0221/5/03/T03006](https://doi.org/10.1088/1748-0221/5/03/T03006)

e-Print: [arXiv:0911.4842](https://arxiv.org/abs/0911.4842) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 22 records](#)

183. **Search for a heavy resonance decaying into a Z boson and a vector boson in the $\nu\bar{\nu}q\bar{q}$ final state**

(21)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Mar 10, 2018. 34 pp.

Published in **JHEP 1807 (2018) 075**

CMS-B2G-17-005, CERN-EP-2018-023

DOI: [10.1007/JHEP07\(2018\)075](https://doi.org/10.1007/JHEP07(2018)075)

e-Print: [arXiv:1803.03838](https://arxiv.org/abs/1803.03838) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 21 records](#)

184. **Search for a singly produced third-generation scalar leptoquark decaying to a τ lepton and a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV**

(20)

CMS Collaboration (A.M. Sirunyan *et al.*). Jun 9, 2018. 39 pp.

Published in **JHEP** **1807** (2018) **115**

CMS-EXO-17-029, CERN-EP-2018-136

DOI: [10.1007/JHEP07\(2018\)115](#)

e-Print: [arXiv:1806.03472](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 20 records](#)

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

(20)

CMS Collaboration (Serguei Chatrchyan (Yerevan Phys. Inst.) *et al.*). Jul 2011. 20 pp.

Published in **Phys.Lett.** **B704** (2011) **143-162**

CERN-PH-EP-2011-081, CMS-EXO-10-016

DOI: [10.1016/j.physletb.2011.09.021](#)

e-Print: [arXiv:1107.1773](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 20 records](#)

186. **Measurement of the inclusive $t\bar{t}$ cross section in pp collisions at $\sqrt{s} = 5.02$ TeV using final states with at least one charged lepton**

(19)

CMS Collaboration (A.M. Sirunyan *et al.*). Nov 8, 2017. 42 pp.

Published in **JHEP** **1803** (2018) **115**

TOP-16-023, CERN-EP-2017-258

DOI: [10.1007/JHEP03\(2018\)115](#)

e-Print: [arXiv:1711.03143](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 19 records](#)

187. **Aligning the CMS Muon Chambers with the Muon Alignment System during an Extended Cosmic Ray Run**

(19)

CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 35 pp.

Published in **JINST** **5** (2010) **T03019**

CMS-CFT-09-017

DOI: [10.1088/1748-0221/5/03/T03019](#)

e-Print: [arXiv:0911.4770](#) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 19 records](#)

188. **The CMS RPC gas gain monitoring system: An Overview and preliminary results**

(19)

L. Benussi (Frascati) *et al.*. Dec 2008. 8 pp.

Published in **Nucl.Instrum.Meth.** **A602** (2009) **805-808**

LNF-08-29(P)

DOI: [10.1016/j.nima.2008.12.175](#)

Presented at Conference: [C08-02-13.2 Proceedings](#)

e-Print: [arXiv:0812.1108](#) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#)

[Detailed record](#) - [Cited by 19 records](#)

189. **First search for $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ using the decay-in-flight technique**

(18)

NA62 Collaboration (Eduardo Cortina Gil (Louvain U., CP3 & Louvain U.) *et al.*). Nov 20, 2018. 11 pp.

Published in **Phys.Lett.** **B791** (2019) **156-166**

CERN-EP-2018-314

DOI: [10.1016/j.physletb.2019.01.067](#)

e-Print: [arXiv:1811.08508](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 18 records](#)

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

(18)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Nov 19, 2018. 28 pp.

Published in **Phys.Rev. D99 (2019) no.3, 032011**

CMS-EXO-18-007, CERN-EP-2018-289

DOI: [10.1103/PhysRevD.99.032011](#)

e-Print: [arXiv:1811.07991](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)
 Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 18 records](#)

191. Measurement of the Muon Stopping Power in Lead Tungstate

(17)

CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 31 pp.

Published in **JINST 5 (2010) P03007**

CMS-CFT-09-005

DOI: [10.1088/1748-0221/5/03/P03007](#)

e-Print: [arXiv:0911.5397](#) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 17 records](#)

192. CMS expression of interest in the SLHC

(17)

CMS Collaboration (J. Nash (Ed.) *et al.*). Mar 2007. 56 pp.

CERN-LHCC-2007-014, CERN-LHCC-G-131

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[Link to Fulltext](#)

[Detailed record](#) - [Cited by 17 records](#)

193. Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\sqrt{s} = 13$ TeV

(16)

CMS Collaboration (A.M. Sirunyan *et al.*). Mar 11, 2018. 56 pp.

Published in **JHEP 1806 (2018) 002**

CMS-TOP-16-014, CERN-EP-2018-013

DOI: [10.1007/JHEP06\(2018\)002](#)

e-Print: [arXiv:1803.03991](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 16 records](#)

194. Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $\sqrt{s} = 13$ TeV

(16)

CMS Collaboration (A.M. Sirunyan *et al.*). Nov 12, 2017. 38 pp.

Published in **JHEP 1807 (2018) 032**

CMS-FSQ-16-008, CERN-EP-2017-249

DOI: [10.1007/JHEP07\(2018\)032](#)

e-Print: [arXiv:1711.04299](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)
 Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 16 records](#)

195. Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $\sqrt{s} = 13$ TeV

(14)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Aug 4, 2018. 43 pp.

Published in **JHEP 1901 (2019) 040**

CMS-B2G-17-019, CERN-EP-2018-195

DOI: [10.1007/JHEP01\(2019\)040](#)

e-Print: [arXiv:1808.01473](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Figures, tables and other information](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 14 records](#)

196. **Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV**

(14)

CMS Collaboration (Albert M. Sirunyan (Yerevan Phys. Inst.) *et al.*). Jun 9, 2018. 34 pp.

Published in **JHEP 1808 (2018) 152**

CMS-HIG-17-009, CERN-EP-2018-127

DOI: [10.1007/JHEP08\(2018\)152](#)

e-Print: [arXiv:1806.03548 \[hep-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#); [Link to Figures, tables and other information](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 14 records](#)

197. **Sensitivity and environmental response of the CMS RPC gas gain monitoring system**

(14)

L. Benussi (Frascati) *et al.*. Nov 2008. 4 pp.

Published in **JINST 4 (2009) P08006**

LNF-08-27(P)

DOI: [10.1088/1748-0221/4/08/P08006](#), [10.1109/NSSMIC.2008.4775031](#)

Conference: [C08-10-18](#), p.3209-3212 [Proceedings](#)

e-Print: [arXiv:0812.1710 \[physics.ins-det\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#)

[Detailed record](#) - [Cited by 14 records](#)

198. **Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in pp collisions at 8 TeV**

(13)

CMS Collaboration (Albert M. Sirunyan (Yerevan Phys. Inst.) *et al.*). Jun 3, 2018. 41 pp.

Published in **Eur.Phys.J. C78 (2018) no.9, 701**

CMS-SMP-16-007, CERN-EP-2018-126

DOI: [10.1140/epjc/s10052-018-6148-7](#)

e-Print: [arXiv:1806.00863 \[hep-ex\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 13 records](#)

199. **Calibration of the CMS Drift Tube Chambers and Measurement of the Drift Velocity with Cosmic Rays**

(12)

CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 37 pp.

Published in **JINST 5 (2010) T03016**

CMS-CFT-09-023

DOI: [10.1088/1748-0221/5/03/T03016](#)

e-Print: [arXiv:0911.4895 \[physics.ins-det\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 12 records](#)

200. **Performance of the CMS Drift-Tube Local Trigger with Cosmic Rays**

(12)

CMS Collaboration (S Chatrchyan (Yerevan Phys. Inst.) *et al.*). Nov 2009. 31 pp.

Published in **JINST 5 (2010) T03003**

CMS-CFT-09-022

DOI: [10.1088/1748-0221/5/03/T03003](#)

e-Print: [arXiv:0911.4893 \[physics.ins-det\]](#) | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 12 records](#)

201. **Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s} = 13$ TeV**

(11)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Dec 14, 2017. 44 pp.

Published in **Eur.Phys.J. C78 (2018) no.7, 566**

CMS-SMP-16-014, CERN-EP-2017-290

DOI: [10.1140/epjc/s10052-018-6033-4](https://doi.org/10.1140/epjc/s10052-018-6033-4)

e-Print: [arXiv:1712.05471](https://arxiv.org/abs/1712.05471) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 11 records](#)

202. ⁽¹¹⁾ **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** **1612** (2016) **123**

CMS-TOP-15-014, CERN-EP-2016-202

DOI: [10.1007/JHEP12\(2016\)123](https://doi.org/10.1007/JHEP12(2016)123)

e-Print: [arXiv:1608.03560](https://arxiv.org/abs/1608.03560) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 11 records](#)

203. ⁽⁹⁾ **Study of the underlying event in top quark pair production in pp collisions at 13 TeV**

CMS Collaboration ([Albert M. Sirunyan](#) (Yerevan Phys. Inst.) *et al.*). Jul 8, 2018. 64 pp.

Published in **Eur.Phys.J.** **C79** (2019) no.2, **123**

CMS-TOP-17-015, CERN-EP-2018-177

DOI: [10.1140/epjc/s10052-019-6620-z](https://doi.org/10.1140/epjc/s10052-019-6620-z)

e-Print: [arXiv:1807.02810](https://arxiv.org/abs/1807.02810) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Figures, tables and other information](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 9 records](#)

204. ⁽⁸⁾ **Measurement of jet substructure observables in $t\bar{t}$ events from proton-proton collisions at $\sqrt{s} = 13\text{TeV}$**

CMS Collaboration ([A. M. Sirunyan](#) *et al.*). Aug 22, 2018. 36 pp.

Published in **Phys.Rev.** **D98** (2018) no.9, **092014**

CMS-TOP-17-013, CERN-EP-2018-214

DOI: [10.1103/PhysRevD.98.092014](https://doi.org/10.1103/PhysRevD.98.092014)

e-Print: [arXiv:1808.07340](https://arxiv.org/abs/1808.07340) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Figures, tables and other information](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 8 records](#)

205. **Fine Synchronization of the CMS Muon Drift-Tube Local Trigger using Cosmic Rays**

⁽⁸⁾ CMS Collaboration ([S Chatrchyan](#) (Yerevan Phys. Inst.) *et al.*). Nov 2009. 33 pp.

Published in **JINST** **5** (2010) **T03004**

CMS-CFT-09-025

DOI: [10.1088/1748-0221/5/03/T03004](https://doi.org/10.1088/1748-0221/5/03/T03004)

e-Print: [arXiv:0911.4904](https://arxiv.org/abs/0911.4904) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

[Detailed record](#) - [Cited by 8 records](#)

206. ⁽⁷⁾ **Measurement of electroweak WZ boson production and search for new physics in WZ + two jets events in pp collisions at $\sqrt{s} = 13\text{TeV}$**

CMS Collaboration ([Albert M Sirunyan](#) (Yerevan Phys. Inst.) *et al.*). Jan 13, 2019. 27 pp.

Published in **Phys.Lett.** **B795** (2019) **281-307**

CMS-SMP-18-001, CERN-EP-2018-333

DOI: [10.1016/j.physletb.2019.05.042](https://doi.org/10.1016/j.physletb.2019.05.042)

e-Print: [arXiv:1901.04060](https://arxiv.org/abs/1901.04060) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

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

207. **Studies of $B^{*s2}(5840)^0$ and $B_{s1}(5830)^0$ mesons including the observation of the $B^{*s2}(5840)^0 \rightarrow B^0 K_S^0$ decay in proton-proton collisions at $\sqrt{s} = 8$ TeV**

(7) CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Sep 10, 2018. 37 pp.

Published in **Eur.Phys.J. C78 (2018) no.11, 939**

CMS-BPH-16-003, CERN-EP-2018-224

DOI: [10.1140/epjc/s10052-018-6390-z](https://doi.org/10.1140/epjc/s10052-018-6390-z)

e-Print: [arXiv:1809.03578](https://arxiv.org/abs/1809.03578) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Figures, tables and other information](#); [Link to Article from SCOAP3](#)

Data: [INSPIRE](#) | [HepData](#)

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

208. **Neutron irradiation effect on SiPMs up to $\Phi_{neq} = 5 \times 10^{14} \text{ cm}^{-2}$**

(7) M. Centis Vignali (CERN), E. Garutti, R. Klanner, D. Lomidze, J. Schwandt (Hamburg U.). Nov 10, 2017. 3 pp.

Published in **Nucl.Instrum.Meth. A912 (2018) 137-139**

DOI: [10.1016/j.nima.2017.11.003](https://doi.org/10.1016/j.nima.2017.11.003)

Conference: [C17-07-03.14](#)

e-Print: [arXiv:1709.04648](https://arxiv.org/abs/1709.04648) [physics.ins-det] | [PDF](#)

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

[ADS Abstract Service](#); [CERN Document Server](#)

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

209. **Operational experience of the gas gain monitoring system of the CMS RPC muon detectors**

(7) S. Colafranceschi (Frascati) *et al.*. 2010. 2 pp.

Published in **Nucl.Instrum.Meth. A617 (2010) 146-147**

DOI: [10.1016/j.nima.2009.06.095](https://doi.org/10.1016/j.nima.2009.06.095)

Prepared for Conference: [C09-05-24.1 Proceedings](#)

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

[CERN Document Server](#)

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

210. **First measurements of the performance of the barrel RPC system in CMS**

(7) A. Colaleo (INFN, Bari) *et al.*. Oct 2008. 15 pp.

Published in **Nucl.Instrum.Meth. A609 (2009) 114-121**

CERN-CMS-NOTE-2008-027

DOI: [10.1016/j.nima.2009.07.099](https://doi.org/10.1016/j.nima.2009.07.099)

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

[CERN Document Server](#); [Link to Fulltext](#)

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

211. **Search for production of an invisible dark photon in π^0 decays**

(6) NA62 Collaboration (Eduardo Cortina Gil (Louvain U., CP3) *et al.*). Mar 20, 2019.

Published in **JHEP 1905 (2019) 182**

CERN-EP-2019-048

DOI: [10.1007/JHEP05\(2019\)182](https://doi.org/10.1007/JHEP05(2019)182)

e-Print: [arXiv:1903.08767](https://arxiv.org/abs/1903.08767) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 6 records](#)

212. **COMET Phase-I Technical Design Report**

(5) COMET Collaboration (G. Adamov (GTU, Tbilisi) *et al.*). Dec 21, 2018. 86 pp.

e-Print: [arXiv:1812.09018](https://arxiv.org/abs/1812.09018) [physics.ins-det] | [PDF](#)

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

[ADS Abstract Service](#)

[Detailed record](#) - [Cited by 5 records](#)

213. **Precision measurement of the structure of the CMS inner tracking system using nuclear interactions**

(4)

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Jul 9, 2018. 41 pp.

Published in **JINST 13 (2018) no.10, P10034**

CMS-TRK-17-001, CERN-EP-2018-144

DOI: [10.1088/1748-0221/13/10/P10034](https://doi.org/10.1088/1748-0221/13/10/P10034)

e-Print: [arXiv:1807.03289](https://arxiv.org/abs/1807.03289) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Figures, tables and other information](#); [Link to Fulltext from Publisher](#)

[Detailed record](#) - [Cited by 4 records](#)

214. Radiation tests of real-sized prototype RPCs for the Phase-2 Upgrade of the CMS

(4) **Muon System**

K.S. Lee (Korea U.) *et al.*. May 2, 2016. 10 pp.

Published in **JINST 11 (2016) no.08, C08008**

DOI: [10.1088/1748-0221/11/08/C08008](https://doi.org/10.1088/1748-0221/11/08/C08008)

Conference: [C16-02-22.3 Proceedings](#)

e-Print: [arXiv:1605.00440](https://arxiv.org/abs/1605.00440) [physics.ins-det] | [PDF](#)

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[CERN Document Server](#); [ADS Abstract Service](#); [Link to IOP](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 4 records](#)

215. Pseudorapidity distributions of charged hadrons in xenon-xenon collisions at

(3) $\sqrt{s_{NN}} = 5.44$ TeV

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Feb 10, 2019. 33 pp.

CMS-HIN-17-006, CERN-EP-2018-294

e-Print: [arXiv:1902.03603](https://arxiv.org/abs/1902.03603) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

Data: [INSPIRE](#) | [HepData](#)

[Detailed record](#) - [Cited by 3 records](#)

216. Characterisation of highly radiation-damaged SiPMs using current measurements

(3) E. Garutti, R. Klanner, D. Lomidze, J. Schwandt, M. Zvolsky (Hamburg U.). Sep 15, 2017. 11 pp.

e-Print: [arXiv:1709.05226](https://arxiv.org/abs/1709.05226) [physics.ins-det] | [PDF](#)

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

[ADS Abstract Service](#)

[Detailed record](#) - [Cited by 3 records](#)

217. High rate, fast timing Glass RPC for the high η CMS muon detectors

(3) CMS RPC Collaboration (F. Lagarde (Lyon, IPN) *et al.*). Jun 4, 2016. 14 pp.

Published in **JINST 11 (2016) no.09, C09006**

DOI: [10.1088/1748-0221/11/09/C09006](https://doi.org/10.1088/1748-0221/11/09/C09006)

Conference: [C16-02-22.3 Proceedings](#)

e-Print: [arXiv:1606.01398](https://arxiv.org/abs/1606.01398) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 3 records](#)

218. Search for neutral color-octet weak-triplet scalar particles in proton-proton

(3) collisions at $\sqrt{s} = 8$ TeV

CMS Collaboration (Vardan Khachatryan (Yerevan Phys. Inst.) *et al.*). May 29, 2015. 36 pp.

Published in **JHEP 1509 (2015) 201**

CMS-EXO-12-007, CERN-PH-EP-2015-119

DOI: [10.1007/JHEP09\(2015\)201](https://doi.org/10.1007/JHEP09(2015)201)

e-Print: [arXiv:1505.08118](https://arxiv.org/abs/1505.08118) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 3 records](#)

219. Resistive plate chambers performance with cosmic rays in the CMS experiment

(3) D. Piccolo (Frascati) *et al.*. 2010. 3 pp.

Published in **Nucl.Instrum.Meth. A617 (2010) 180-182**

DOI: [10.1016/j.nima.2009.06.092](https://doi.org/10.1016/j.nima.2009.06.092)

Prepared for Conference: [C09-05-24.1 Proceedings](#)

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

[CERN Document Server](#)

[Detailed record](#) - [Cited by 3 records](#)

220. Resistive plate chamber commissioning and performance in CMS

- (3) [G. Roselli](#) ([Bari U.](#) & [INFN, Bari](#)) *et al.*. 2009. 4 pp.
Published in **Nucl.Instrum.Meth. A602 (2009) 696-699**
DOI: [10.1016/j.nima.2008.12.092](#)
Prepared for Conference: [C08-02-13.2 Proceedings](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#)

[Detailed record](#) - [Cited by 3 records](#)

221. Searches for lepton number violating K^+ decays

- (2) [NA62 Collaboration](#) ([Eduardo Cortina Gil](#) ([Louvain U., CP3](#)) *et al.*). May 19, 2019. 14 pp.
Published in **Phys.Lett. B797 (2019) 134794**
CERN-EP-2019-104
DOI: [10.1016/j.physletb.2019.07.041](#)
e-Print: [arXiv:1905.07770 \[hep-ex\]](#) | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [Link to Article from SCOAP3](#)

[Detailed record](#) - [Cited by 2 records](#)

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

- (2) [CMS Collaboration](#) ([Albert M Sirunyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jan 8, 2017. 38 pp.
Published in **JINST 12 (2017) no.04, P04023**
CMS-TRK-15-002, CERN-EP-2016-320
DOI: [10.1088/1748-0221/12/04/P04023](#)
e-Print: [arXiv:1701.02022 \[physics.ins-det\]](#) | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Fulltext](#); [Link to Fulltext](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 2 records](#)

223. R&D towards the CMS RPC Phase-2 upgrade

- (2) [A. Fagot](#) ([Gent U.](#)) *et al.*. Jun 14, 2016. 12 pp.
Published in **JINST 11 (2016) no.09, C09017**
CMS-CR-2016-120
DOI: [10.1088/1748-0221/11/09/C09017](#)
Conference: [C16-02-22.3 Proceedings](#)
e-Print: [arXiv:1606.04291 \[physics.ins-det\]](#) | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 2 records](#)

224. Data Quality Monitoring for the CMS Resistive Plate Chamber Detector

- (2) [CMS Collaboration](#) ([Anna Cimmino](#) *et al.*). Feb 11, 2010. 10 pp.
CMS-NOTE-2010-013, CERN-CMS-NOTE-2010-013

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [Link to Fulltext](#)

[Detailed record](#) - [Cited by 2 records](#)

225. The CMS RPC system overview

- (2) [CMS Collaboration](#) ([N. Darmenov](#) ([Sofiya, Inst. Nucl. Res.](#)) *et al.*). 2010. 6 pp.
Published in **AIP Conf.Proc. 1203 (2010) no.1, 43-48**
DOI: [10.1063/1.3322484](#)
Conference: [C09-09-09 Proceedings](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#)

[Detailed record](#) - [Cited by 2 records](#)

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

- (1) [CMS Collaboration](#) ([Albert M Sirunyan](#) ([Yerevan Phys. Inst.](#)) *et al.*). Jul 8, 2019. 67 pp.

CMS-TOP-18-006, CERN-EP-2019-073

e-Print: [arXiv:1907.03729](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#)

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

227. COMET - A submission to the 2020 update of the European Strategy for Particle

(1) Physics on behalf of the COMET collaboration

COMET Collaboration (J.C. Angélique (Caen U.) *et al.*). Dec 19, 2018. 12 pp.

e-Print: [arXiv:1812.07824](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[ADS Abstract Service](#)

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

228. Centrality and pseudorapidity dependence of the transverse energy density in pPb

(1) collisions at $\sqrt{s_{NN}} = 5.02$ TeV

CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Oct 12, 2018. 20 pp.

Published in **Phys.Rev. C100 (2019) no.2, 024902**

CMS-HIN-14-014, CERN-EP-2018-268

DOI: [10.1103/PhysRevC.100.024902](#)

e-Print: [arXiv:1810.05745](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Figures, tables and other information](#); [Link to Article from SCOAP3](#)

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

229. Fast timing measurement for CMS RPC Phase-II upgrade

(1) CMS Collaboration and CMS Muon group (A. Fagot (Gent U.) *et al.*). 2018. 12 pp.

Published in **JINST 13 (2018) no.09, C09001**

DOI: [10.1088/1748-0221/13/09/C09001](#)

Conference: [C18-02-19.3](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#)

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

230. Hadronic Energy Resolution of a Combined High Granularity Scintillator

(1) Calorimeter System

CALICE Collaboration (J. Repond (Argonne (main)) *et al.*). Sep 11, 2018. 33 pp.

Published in **JINST 13 (2018) no.12, P12022**

CALICE-PUB-2018-001

DOI: [10.1088/1748-0221/13/12/P12022](#)

e-Print: [arXiv:1809.03909](#) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#); [Link to Fulltext from Publisher](#)

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

231. The CMS RPC Detector Performance and Stability during LHC RUN-2

(1) CMS Collaboration (M.A. Shah (NCP, Islamabad) *et al.*). Aug 30, 2018. 12 pp.

Conference: [C18-02-19.3](#)

e-Print: [arXiv:1808.10488](#) [physics.ins-det] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#)

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

232. Search for $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ at NA62

(1) NA62 Collaboration (G. Aglieri Rinella *et al.*). Jul 24, 2018. 8 pp.

Conference: [C16-10-02](#)

e-Print: [arXiv:1807.09101](#) [hep-ex] | [PDF](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#); [ADS Abstract Service](#)

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

233. Heavy neutrino searches and NA62 status

(1) NA62 Collaboration (N. Lurkin (Birmingham U.) *et al.*). Aug 2, 2018. 8 pp.

Conference: [C17-03-18](#), p.171-178 [Proceedings](#)

e-Print: [arXiv:1808.00827](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#); [Link to Fulltext](#)

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

234. **Performance of Resistive Plate Chambers installed during the first long shutdown
(1) of the CMS experiment**

[M. Shopova](#) (Budapest, RMKI) *et al.*. May 22, 2016. 7 pp.

CMS-CR-2016-090

Conference: [C16-02-22.3](#) [Proceedings](#)

e-Print: [arXiv:1605.06798](#) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#)

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

235. **A configurable tracking algorithm to detect cosmic muon tracks for the CMS-RPC
(1) based technical trigger**

[R.T. Rajan](#) (INFN, Bari & Bari U.) *et al.*. 2009. 4 pp.

Published in *Nucl.Instrum.Meth.* **A602 (2009) 792-795**

DOI: [10.1016/j.nima.2008.12.226](#)

Prepared for Conference: [C08-02-13.2](#) [Proceedings](#)

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

[CERN Document Server](#)

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

236. **Latest results from the NA62 experiment at CERN**

[NA62 Collaboration](#) ([Nicolas Lurkin](#) (Birmingham U.) *et al.*). Jul 30, 2019. 6 pp.

Conference: [C19-04-22](#)

e-Print: [arXiv:1907.12955](#) [hep-ex] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#)

[Detailed record](#)

237. **Characterisation of different stages of hadronic showers using the CALICE Si-W
ECAL physics prototype**

[CALICE Collaboration](#) ([G. Eigen](#) (Bergen U.) *et al.*). 2019. 12 pp.

Published in *Nucl.Instrum.Meth.* **A937 (2019) 41-52**

DOI: [10.1016/j.nima.2019.04.111](#)

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

[Detailed record](#)

238. **Longevity studies on the CMS-RPC system**

[A. Gelmi](#) (INFN, Bari) *et al.*. 2019. 8 pp.

Published in *JINST* **14 (2019) no.05, C05012**

DOI: [10.1088/1748-0221/14/05/C05012](#)

Conference: [C18-02-19.3](#)

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

[Detailed record](#)

239. **Analysis of Testbeam Data of the Highly Granular RPC-Steel CALICE Digital
Hadron Calorimeter and Validation of Geant4 Monte Carlo Models**

[CALICE Collaboration](#) ([M. Chefdeville](#) (Annecy, LAPP) *et al.*). Jan 25, 2019. 17 pp.

Published in *Nucl.Phys.*

CALICE-PUB-2019-001

DOI: [10.1016/j.nima.2019.05.013](#)

e-Print: [arXiv:1901.08818](#) [physics.ins-det] | [PDF](#)

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

[CERN Document Server](#); [ADS Abstract Service](#)

[Detailed record](#)

240. **Study of Thin Double-Gap RPCs for the CMS Muon System**

[K.S. Lee](#) (Korea U.) *et al.*. 2018. 8 pp.

Published in *J.Korean Phys.Soc.* **73 (2018) no.8, 1080-1087**

DOI: [10.3938/jkps.73.1080](https://doi.org/10.3938/jkps.73.1080)Conference: [C17-11-15 Proceedings](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[CERN Document Server](#)[Detailed record](#)**241. Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s}=13$ TeV**CMS Collaboration (Albert M Sirunyan (Yerevan Phys. Inst.) *et al.*). Oct 23, 2018. 33 pp.Published in **Phys.Rev. D99 (2019) no.1, 012010**

CMS-EXO-17-030, CERN-EP-2018-247

DOI: [10.1103/PhysRevD.99.012010](https://doi.org/10.1103/PhysRevD.99.012010)e-Print: [arXiv:1810.10092 \[hep-ex\]](#) | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#); [OSTI.gov Server](#); [Link to Article from SCOAP3](#)[Detailed record](#)**242. Long-term performance and longevity studies of the CMS Resistive Plate Chambers**R.I. Rabadan-Trejo (CINVESTAV, IPN) *et al.*. 2018. 10 pp.Published in **JINST 13 (2018) no.08, P08024**DOI: [10.1088/1748-0221/13/08/P08024](https://doi.org/10.1088/1748-0221/13/08/P08024)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [Link to Fulltext](#); [Link to Fulltext from Publisher](#)[Detailed record](#)**243. High Rate RPC detector for LHC**F. Lagarde (Lyon, IPN) *et al.*. Jul 16, 2018. 10 pp.Conference: [C18-02-19.3](#)e-Print: [arXiv:1807.05680 \[physics.ins-det\]](#) | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#)[Detailed record](#)**244. RPC upgrade project for CMS Phase II**CMS Muon Group (M.I. Pedraza-Morales (Puebla U., Mexico) *et al.*). Jun 29, 2018. 9 pp.Published in **Submitted to: JINST**Conference: [C18-02-19.3](#)e-Print: [arXiv:1806.11503 \[physics.ins-det\]](#) | [PDF](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [ADS Abstract Service](#)[Detailed record](#)**245. NA62 and NA48/2 results on search for Heavy Neutral Leptons**NA62 Collaboration (Gianluca Lamanna (INFN, Pisa & Pisa U.) *et al.*). 2018. 6 pp.Published in **EPJ Web Conf. 179 (2018) 01009**DOI: [10.1051/epjconf/201817901009](https://doi.org/10.1051/epjconf/201817901009)Conference: [C17-09-07.1 Proceedings](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [Link to Fulltext](#)[Detailed record](#)**246. Search for $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ at NA62**NA62 Collaboration (Silvia Martellotti (Frascati) *et al.*). 2018. 7 pp.Published in **KnE Energ.Phys. 3 (2018) 372-378**DOI: [10.18502/ken.v3i1.1769](https://doi.org/10.18502/ken.v3i1.1769)Conference: [C17-10-02.2 Proceedings](#)[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)[CERN Document Server](#); [Link to Fulltext](#)[Detailed record](#)**247. Search for $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ at NA62**NA62 Collaboration (R. Volpe (Florence U. & INFN, Florence) *et al.*). 2017. 5 pp.Published in **Nucl.Part.Phys.Proc. 282-284 (2017) 101-105**

DOI: [10.1016/j.nuclphysbps.2016.12.019](https://doi.org/10.1016/j.nuclphysbps.2016.12.019)

Conference: [C16-07-04.3 Proceedings](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
CERN Document Server; [Link to Fulltext](#)

[Detailed record](#)

248. Detector Control System and Efficiency Performance for CMS RPC at GIF++

CMS Collaboration ([Muhammad Gul \(Gent U.\) et al.](#)). May 30, 2016. 9 pp.

Published in **JINST 11 (2016) C10013**

DOI: [10.1088/1748-0221/11/10/C10013](https://doi.org/10.1088/1748-0221/11/10/C10013)

Conference: [C16-02-22.3 Proceedings](#)

e-Print: [arXiv:1605.09138 \[physics.ins-det\]](#) | [PDF](#)

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CERN Document Server; [ADS Abstract Service](#)

[Detailed record](#)

249. High precision measurement of the form factors of the semileptonic decay

$$K^{\pm} \rightarrow \pi^0 l^{\pm} \nu_l (K_{l3})$$

[David Lomidze \(Mainz U., Inst. Phys.\)](#). 2014. 5 pp.

Published in **EPJ Web Conf. 73 (2014) 03016**

DOI: [10.1051/epjconf/20147303016](https://doi.org/10.1051/epjconf/20147303016)

Conference: [C13-09-30 Proceedings](#)

[References](#) | [BibTeX](#) | [LaTeX\(US\)](#) | [LaTeX\(EU\)](#) | [Harvmac](#) | [EndNote](#)
[Link to Fulltext](#)

[Detailed record](#)

250. The compact muon solenoid RPC barrel detector

[A. Colaleo \(INFN, Bari\) et al.](#). 2009. 5 pp.

Published in **Nucl.Instrum.Meth. A602 (2009) 674-678**

DOI: [10.1016/j.nima.2008.12.234](https://doi.org/10.1016/j.nima.2008.12.234)

Prepared for Conference: [C08-02-13.2 Proceedings](#)

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