

Publikációs lista

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Disszertáció alapjául szolgáló közlemények

1. CMS Collaboration, Aligning the CMS Muon Chambers with the Muon Alignment System during an Extended Cosmic Ray Run, JINST **5** T03019 (2010).
Impact factor: 3.148 (2010)
2. CMS Collaboration, Performance of CMS muon reconstruction in pp collision events at $\sqrt{s} = 7$ TeV, JINST **7**, P10002 (2012)
Impact factor: 1.869 (2011)
3. B. Ujvari *et al.* [CMS Barrel Muon Alignment] CMS Barrel Muon Alignment: Influence of Missing MABs on DT-positioning Accuracy. CMS NOTE-2012/005
Impact factor: 0.000
4. B. Ujvari *et al.* [CMS Barrel Muon Alignment], HW alignment, Muon Workshop 21.03.2012.
Impact factor: 0.000
<https://indico.cern.ch/getFile.py/access?contribId=46&sessionId=5&resId=1&materialId=slides&confId=180656>
5. B. Ujvari *et al.* [OPAL Collaboration], Inclusive production of charged hadrons and jets in photon-photon collision at LEP2, Nuclear Physics B Proceedings Supplement **184** (2008) 117-121.
Impact factor: 0.000
6. B. Ujvari *et al.* [OPAL Collaboration], Inclusive production of charged hadrons in photon-photon collisions, Physics Letters B **651** (2007) 92-101.
Impact factor: 4.189 (2007)

Egyéb OPAL-publikációk:

7. Measurement of $\langle V_{ub} \rangle$ using b hadron semileptonic decay, European Physical Journal C **21** (2001)399-401.
8. Determination of the b quark mass at the Z mass scale, European Physical Journal C **21** (2001)411-422.
9. Angular analysis of the muon pair asymmetry at LEP 1, Physics Letters B **516** (2001)1-20.
10. Search for lepton flavour violation in e^+e^- collisions at $\sqrt{s} = 189-209$ GeV Physics Letters B **519** (2001)23-32.
11. Measurement of the branching ratio for the process b to tau-nu-tauX, Physics Letters B **520** (2001)1-10.

12. OPAL searches for prompt light gravitino production at LEP, International Journal of Modern Physics A Supplement **16** (2001)786-789.
13. Search for charginos and neutralinos by the OPAL collaboration at LEP, International Journal of Modern Physics A Supplement **16** (2001)778-801.
14. Search for scalar partners of fermions by the OPAL collaboration at LEP, International Journal of Modern Physics A Supplement **16** (2001)807-809.
15. Comparison of deep-inelastic electron-photon scattering data with the HERWIG and PHOJET Monte Carlo Models, European Physical Journal C **23** (2002)201-223.
16. Search for single top quark production at LEP2, Physics Letters B **521** (2001)181-194.
17. Search for single leptoquark and squark production in electron-photon scattering at $\sqrt{s}_{ee} = 189$ GeV at LEP, European Physical Journal C **23** (2002)1-11.
18. Search for Yukawa Production of a light neutral Higgs Boson at LEP, European Physical Journal C **23** (2002)397-407.
19. Particle multiplicity of unbiased gluon jets from e^+e^- three-jet events, European Physical Journal C **23** (2002)597-613.
20. Measurement of Z/γ^* production in compton scattering of quasi-real photons, European Physical Journal C **24** (2002)1-15.
21. Measurement of the hadronic cross-section for the scattering of two virtual photons at LEP, European Physical Journal C **24** (2002)17-31.
22. Search for doubly charged Higgs bosons with the OPAL detector at LEP, Physics Letters B **526** (2002)221-232.
23. Search for leptoquarks in electron-photon scattering at \sqrt{s}_{ee} up to 209 GeV at LEP, Physics Letters B **526** (2002)233-246.
24. Measurement of the hadronic photon structure function F_2^γ at LEP2, Physics Letters B **533** (2002)207-222.
25. Measurement of the charm structure function $F_2^{\gamma,c}$ of the photon at LEP, Physics Letters B **539** (2002)13-24.
26. Search for associated production of massive states decaying into two photons in e^+e^- annihilations at $\sqrt{s} = 88-209$ GeV, Physics Letters B **544** (2002)44-56.
27. Search for charged excited leptons in e^+e^- collisions at $\sqrt{s} = 183-209$ GeV, Physics Letters B **544** (2002)57-72.
28. Measurement of neutral-current four-fermion production at LEP2, Physics Letters B **544** (2002)259-273.
29. Search for scalar top and scalar bottom quarks at LEP, Physics Letters B **545** (2002)272-284.
30. Measurement of the b quark forward-backward asymmetry around the Z^0 peak using an inclusive tag, Physics Letters B **546** (2002)29-47.

31. Charged particle multiplicities in heavy and light quark initiated events above the Z0 peak, *Physics Letters B* **550** (2002)33-46.
32. Search for supersymmetry at LEP *Acta Physica Polonica B* **33** (2002)3881-3886.
33. Higgs at LEP, *Acta Physica Polonica B* **33** (2002)3849-3854.
34. Search for the standard model Higgs boson at LEP, *Physics Letters B* **565** (2003)61-75.
35. Measurement of the mass of the W boson in e+e-collisions using the fully leptonic channel, *European Physical Journal C* **26** (2003)321-330.
36. Multi-photon production in e+e- collisions at $\sqrt{s}=181-209$ GeV, *European Physical Journal C* **26** (2003)331-344.
37. Search for the Standard Model Higgs boson with the OPAL detector at LEP, *European Physical Journal C* **26** (2003)479-503.
38. Decay-mode independent searches for new scalar bosons with the OPAL detector at LEP. *European Physical Journal C* **27** (2003)311-329.
39. Charged particle momentum spectra in e+e- annihilation at $\sqrt{s} = 192-209$ GeV, *European Physical Journal C* **27** (2003)467-481.
40. Search for a low mass CP-odd Higgs boson in e+e- collisions with the OPAL detector at LEP2, *European Physical Journal C* **27** (2003)483-495.
41. Measurement of the cross-section for the process $\gamma\text{-}\gamma$ to $p\bar{p}$ at $\sqrt{s} = 183 - 189$ GeV at LEP, *European Physical Journal C* **28** (2003)45-54.
42. Inclusive analysis of the b quark fragmentation function in Z decays at LEP, *European Physical Journal C* **29** (2003)463-478.
43. Search for nearly mass-degenerate charginos and neutralinos at LEP *European Physical Journal C* **29** (2003)479-489.
44. A measurement of semileptonic B decays to narrow orbitally-excited charm mesons, *European Physical Journal C* **30** (2003)467-475.
45. Search for pair-produced leptoquarks in e+e- interactions at \sqrt{s} 189-209 GeV, *European Physical Journal C* **31** (2003)281-305.
46. Di-jet production in photon-photon collisions at \sqrt{s} from 189 to 209 GeV, *European Physical Journal C* **31** (2003)307-325.
47. Measurement of isolated prompt photon production in photon-photon collisions $\sqrt{s} = 183-209$ GeV, *European Physical Journal C* **31** (2003)491-502.
48. Bose-Einstein correlations of π^0 pairs from hadronic Z0 decays, *Physics Letters B* **559** (2003)131-143.
49. Test of non-commutative QED in the process e+ e- to $\gamma\text{-}\gamma$ at LEP, *Physics Letters B* **568** (2003)181-190.

50. Search for stable and long-lived massive charged particles in $e+e-$ collisions at $\sqrt{s} = 130-209$ GeV, *Physics Letters B* **572** (2003)8-20.
51. Measurement of heavy quark forward-backward asymmetries and average B mixing using leptons in hadronic Z decays, *Physics Letters B* **577** (2003)18-36.
52. Search for the single production of doubly-charged Higgs bosons and constraints on their couplings from Bhabha scattering, *Physics Letters B* **577** (2003)93-108.
53. Limits on the mass of the lightest supersymmetric particle at LEP, *Nuclear Physics A* **721** (2003)1052c-1055c.
54. Search for charged Higgs bosons with the OPAL detector at LEP, *Nuclear Physics A* **721** (2003)453c-456c.
55. Search for top and bottom squarks (DOI: 10.1140/epjcd/s2003-03-810-0), *European Physical Journal C direct (e)* **2003** (2003)S1-S745.
56. Study of Z pair production and anomalous couplings in $e+e-$ collisions at \sqrt{s} between 190 GeV and 209 GeV, *European Physical Journal C* **32** (2004)303-
57. Search for anomalous production of di-lepton events with missing transverse momentum in $e+e-$ collisions at $\sqrt{s} = 183-209$ GeV, *European Physical Journal C* **32** (2004)453-473.
58. Search for R-parity violating decays of sfermions at LEP, *European Physical Journal C* **33** (2004)149-172.
59. Tests of the standard model and constraints on new physics from measurements of fermion-pair production at 189-209 GeV at LEP, *European Physical Journal C* **33** (2004)173-212.
60. Measurement of charged current triple gauge boson couplings using W pairs at LEP, *European Physical Journal C* **33** (2004)463-476.
61. Search for chargino and neutralino production at $\sqrt{s} = 192-209$ GeV at LEP, *European Physical Journal C* **35** (2004)1-20.
62. A study of charm and anti-charm production in beauty decays with the OPAL detector at LEP, *European Physical Journal C* **35** (2004)149-158.
63. Test of models of color reconnection and a search for glueballs using gluon jets with a rapidity gap, *European Physical Journal C* **35** (2004)293-312.
64. Measurement of the strange spectral function in hadronic tau decays, *European Physical Journal C* **35** (2004)437-455.
65. Study of Bose-Einstein correlations in $e+e-$ to $W+W-$ events at LEP, *European Physical Journal C* **36** (2004)297-308.
66. Scaling violations of quark and gluon jet fragmentation functions in $e+e-$ annihilations at $\sqrt{s} = 91.2$ and 183-209 GeV, *European Physical Journal C* **37** (2004)25-47.
67. Search for neutral Higgs bosons in CP-conserving and CP-violating MSSM scenarios, *European Physical Journal C* **37** (2004)49-78.

68. Experimental studies of unbiased gluon jets from e^+e^- annihilations using the jet boost algorithm, *Physical Review D* **69** (2004)3:2002(23)
69. Constraints on anomalous quartic gauge boson couplings from $n\bar{n} \rightarrow \gamma\gamma$ and $q\bar{q} \rightarrow \gamma\gamma$ events at CERN LEP2, *Physical Review D* **70** (2004)3:2005(11)
70. A study of $W^+W^- \rightarrow \gamma\gamma$ events at LEP, *Physics Letters B* **580** (2004)17-36.
71. W boson polarisation at LEP2, *Physics Letters B* **585** (2004)223-236.
72. Measurement of the partial widths of the Z into up- and down-type quarks, *Physics Letters B* **586** (2004)167-182.
73. Flavour independent search for Higgs bosons decaying into hadronic final states in e^+e^- collisions at LEP, *Physics Letters B* **597** (2004)11-25.
74. Multi-photon events with large missing energy in e^+e^- collisions at $\sqrt{s} = 192$ -209 GeV, *Physics Letters B* **602** (2004)167-179.
75. Determination of the LEP beam energy using radiative fermion-pair events, *Physics Letters B* **604** (2004)31-47.
76. Searches for new physics in photonic final states at LEP, *European Physical Journal C direct (e) Supplement* **33** (2004)S791-S793.
77. Measurement of event shape distributions and moments in $e^+e^- \rightarrow j$ hadrons at 91-209 GeV and a determination of α_s , *European Physical Journal C* **40** (2005)287-316.
78. Flavour-independent h_0A_0 search and two Higgs doublet model interpretation of neutral Higgs boson searches at LEP, *European Physical Journal C* **40** (2005)317-332.
79. Search for radions at LEP2, *Physics Letters B* **609** (2005)20-34.
80. Measurements of R_b in e^+e^- collisions at \sqrt{s} between 182 and 209 GeV, *Physics Letters B* **609** (2005)212-225.
81. Precision electroweak measurements on the Z resonance, *Physics Reports* **427** (2006)257-454.
82. Measurement of the running of the QED coupling in small-angle Bhabha scattering at LEP, *European Physical Journal C* **45** (2006)1-21.
83. Colour reconnection in $e^+e^- \rightarrow W^+W^-$ at $\sqrt{s} = 189$ -209 GeV, *European Physical Journal C* **45** (2006)291-305.
84. Measurement of the mass and width of the W boson, *European Physical Journal C* **45** (2006)307-335.
85. Determination of α_s using jet rates at LEP with the OPAL detector *European Physical Journal C* **45** (2006)547-568.
86. Measurement of the strong coupling α_s from four-jet observables in e^+e^- annihilation, *European Physical Journal C* **47** (2006)295-307.

87. QCD coherence and correlation of particles with restricted momenta in hadronic Z decays, *Physics Letters B* **638** (2006)30-38.
88. Search for invisibly decaying Higgs bosons with large decay width using the OPAL detector at LEP, *European Physical Journal C* **49** (2007)457-472.
89. Measurement of the e^+e^- to W^+W^- cross section and W decay branching fractions at LEP, *European Physical Journal C* **52** (2007)767-785.
90. Bose-Einstein study of position-momentum correlations of charged pions in hadronic Z0 decays, *European Physical Journal C* **52** (2007)787-803.
91. Measurement of α_s with radiative hadronic events, *European Physical Journal C* **53** (2008)21-39.
92. Inclusive jet production in photon-photon collisions at \sqrt{s} from 189 to 209 GeV, *Physics Letters B* **658** (2008)185-192.
93. Search for Dirac magnetic monopoles in e^+e^- collisions with the OPAL detector at LEP2, *Physics Letters B* **663** (2008)37-42.
94. Sigma-antihyperon correlations in Z0 decay and investigation of the baryon production mechanism, *European Physical Journal C* **64** (2009)4:609-625.
95. Search for invisibly decaying Higgs bosons in e^+e^- to Z0h0 production at \sqrt{s} =183-209 GeV, *Physics Letters B* **682** (2010)4-5:381-390.
96. Determination of α_S using OPAL hadronic event shapes at \sqrt{s} = 91-209 GeV and resummed NNLO calculations, *European Physical Journal C* **71** (2011)9:1733(21)

Egyéb CMS-publikációk:

97. CMS status and commissioning, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* 617 (2009)1-3:14-18.
98. The trigger system of the CMS experiment, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* 598 (2009)1:312-316.
99. CMS status and commissioning, *Nuclear Physics A* 827 (2009)1-4:605-607.
100. Motions of CMS detector structures due to the magnetic field forces as observed by the Link alignment system during the test of the 4T magnet solenoid, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* **606** (2009)344-361.
101. Avalanche photodiodes and vacuum phototriodes for the electromagnetic calorimeter of the CMS experiment at the Large Hadron Collider, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* 604 (2009)1-2:193-195.

102. Performance of the CMS Endcap Muon detectors, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 598 (2009)1:201-202.
103. J/Psi- \rightarrow $\mu^+\mu^-$ reconstruction in the CMS experiment, Chinese Physics C 33 (2009)3:161-169.
104. Search for invisibly decaying Higgs bosons in $e^+e^- \rightarrow Z\text{h}0$ production at $\sqrt{s}=183\text{-}209$ GeV, Physics Letters B 682 (2010)4-5:381-390.
105. The CMS silicon strip tracker performance using cosmic ray data, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 623 (2010)1:153-155.
106. CMS status and commissioning, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 617 (2010)14-18.
107. Low-x QCD studies with forward jets in p-p at 14 TeV, Indian Journal of Physics 84 (2010)12:1783-1788.
108. Fine synchronization of the CMS muon drift-tube local trigger using cosmic rays, Journal of Instrumentation 5 (2010)T03:4(33)
109. Commissioning of the CMS experiment and the cosmic run at four tesla, Journal of Instrumentation 5 (2010)T03:1(37)
110. Performance of the CMS Level-1 trigger during commissioning with cosmic ray muons and LHC beams, Journal of Instrumentation 5 (2010)T03:2(49)
111. Performance of the CMS drift-tube chamber local trigger with cosmic rays, Journal of Instrumentation 5 (2010)T03:3(31)
112. Commissioning of the CMS High-Level Trigger with cosmic rays, Journal of Instrumentation 5 (2010)T03:5(31)
113. CMS data processing workflows during an extended cosmic ray run, Journal of Instrumentation 5 (2010)T03:6(43)
114. Commissioning and performance of the CMS pixel tracker with cosmic ray muons, Journal of Instrumentation 5 (2010)T03:7(37)
115. Measurement of the muon stopping power in lead tungstate, Journal of Instrumentation 5 (2010)P03:7(31)
116. Commissioning and performance of the CMS silicon strip tracker with cosmic ray muons, Journal of Instrumentation 5 (2010)T03:8(45)
117. Alignment of the CMS silicon tracker during commissioning with cosmic rays, Journal of Instrumentation 5 (2010)T03:9(39)
118. Performance and operation of the CMS electromagnetic calorimeter, Journal of Instrumentation 5 (2010)T03:10(39)

119. Time reconstruction and performance of the CMS electromagnetic calorimeter, *Journal of Instrumentation* **5** (2010)T03:11(27)
120. Performance of the CMS hadron calorimeter with cosmic ray muons and LHC beam data, *Journal of Instrumentation* **5** (2010)T03:12(35)
121. Performance of CMS hadron calorimeter timing and synchronization using test beam, cosmic ray, and LHC beam data, *Journal of Instrumentation* **5** (2010)T03:13(31)
122. Identification and filtering of uncharacteristic noise in the CMS hadron calorimeter, *Journal of Instrumentation* **5** (2010)T03:14(29)
123. Performance of the CMS drift tube chambers with cosmic rays, *Journal of Instrumentation* **5** (2010)T03:15(45)
124. Calibration of the CMS drift tube chambers and measurement of the drift velocity with cosmic rays, *Journal of Instrumentation* **5** (2010)T03:16(37)
125. Performance study of the CMS barrel resistive plate chambers with cosmic rays, *Journal of Instrumentation* **5** (2010)T03:17(33)
126. Performance of the CMS cathode strip chambers with cosmic rays, *Journal of Instrumentation* **5** (2010)T03:18(39)
127. Alignment of the CMS muon system with cosmic-ray and beam-halo muons *Journal of Instrumentation* **5** (2010)T03:20(41)
128. Precise mapping of the magnetic field in the CMS barrel yoke using cosmic rays, *Journal of Instrumentation* **5** (2010)T03:21(35)
129. Performance of CMS muon reconstruction in cosmic-ray events, *Journal of Instrumentation* **5** (2010)T03:22(47)
130. Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV., *Journal of High Energy Physics* **2010** (2010)2:41(19)
131. Commissioning and performance of the CMS silicon strip tracker with cosmic ray muons, *Journal of Instrumentation* **5** (2010)T03:3008(45)
132. Status and performance of the compact muon solenoid pixel detector, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* **623** (2010)1:147-149.
133. Upgrade plans for hadron calorimeter in the CMS detector, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* **623** (2010)1:264-266.
134. The electromagnetic calorimeter of CMS: Status and performance with cosmic rays data and first LHC data, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* **617** (2010)1-3:19-22.
135. Jet transverse structure as a test of hadronization models, *Journal of Physics G Nuclear and Particle Physics* **37** (2010)7:5009(11)

136. The upgrade of the CMS tracker for Super-HLC, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 623 (2010)1:168-170.
137. Heavy ion physics for high density QCD with the CMS detector at the LHC, Nuclear Physics A 834 (2010)1-4:257c-260c.
138. First measurement of the underlying event activity at the LHC with $\sqrt{s}=0.9$ TeV, European Physical Journal C 70 (2010)3:555-572.
139. CMS tracking performance results from early LHC operation, European Physical Journal C 70 (2010)4:1165-1192.
140. Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV, Journal of High Energy Physics 2010 (2010)2:41(19)
141. Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC, Journal of High Energy Physics 2010 (2010)9:91-37.
142. Search for dijet resonances in 7 TeV pp collisions at CMS, Physical Review Letters 105 (2010)21:1801(14)
143. Search for dijet resonances in 7 TeV pp collisions at CMS, Physical Review Letters 105 (2010)21:1801(14)
144. First measurement of Bose-Einstein correlations in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV at the LHC, Physical Review Letters 105 (2010)2001(14)
145. First measurement of Bose-Einstein correlations in proton-proton collisions at $\sqrt{s} = 0.9$ and 2.36 TeV at the LHC, Physical Review Letters 105 (2010)3:2001(14)
146. Measurement of the charge ratio of atmospheric muons with the CMS detector, Physics Letters B 692 (2010)2:83-104.
147. Calibration of the barrel muon drift tubes of CMS, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 617 (2010)177-179.
148. The compact muon solenoid detector, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 623 (2010)1:345-347.
149. CMS muon system performance, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 617 (2010)1-3:52-56.
150. Search for standard and exotic supersymmetry signatures at CMS, Acta Physica Polonica B 41 (2010)7:1647-1660.
151. Silicon sensor development for the CMS tracker upgrade, Journal of Instrumentation 6 (2011)10:10(8)
152. Soft QCD results from the CMS experiment, Acta Physica Polonica B 42 (2011)12:2657-2668.

153. Plans for an upgraded CMS pixel detector, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 650 (2011)1:41-44.
154. Operation and performance of the CMS silicon tracking detector, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 658 (2011)1:2(5)
155. Measurement of the $t\bar{t}$ - production cross section in pp collisions at $\sqrt{s} = 7$ TeV using the kinematic properties of events with leptons and jets, European Physical Journal C 71 (2011)9:1721(27)
156. Missing transverse energy performance of the CMS detector, Journal of Instrumentation 6 (2011)9:1(55)
157. Determination of jet energy calibration and transverse momentum resolution in CMS, Journal of Instrumentation 6 (2011)11:2(65)
158. Search for same-sign top-quark pair production at $\sqrt{s}=7$ TeV and limits on flavour changing neutral currents in the top sector, Journal of High Energy Physics 2011 (2011)8:5(27)
159. Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s}=7$ TeV, Journal of High Energy Physics 2011 (2011)10:7(40)
160. Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2011 (2011)6:26(32)
161. 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, Journal of High Energy Physics 2011 (2011)7:49(48)
162. Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s}=7$ TeV, Journal of High Energy Physics 2011 (2011)4:50(31)
163. Large-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Journal of High Energy Physics 2011 (2011)7:76(31)
164. Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC, Journal of High Energy Physics 2011 (2011)6:77(47)
165. Search for large extra dimensions in the diphoton final state at the Large Hadron Collider, Journal of High Energy Physics 2011 (2011)5:85(28)
166. Charged particle transverse momentum spectra in pp collisions at $\sqrt{s}=0.9$ and 7 TeV, Journal of High Energy Physics 2011 (2011)8:86(38)
167. Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2011 (2011)5:93(35)
168. Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s}=7$ TeV, Journal of High Energy Physics 2011 (2011)6:93(27)

169. Search for light resonances decaying into pairs of muons as a signal of new physics, *Journal of High Energy Physics* 2011 (2011)7:98(33)
170. Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7$ TeV and comparison with $\sqrt{s} = 0.9$ TeV, *Journal of High Energy Physics* 2011 (2011)9:109(31)
171. Search for supersymmetry in events with b jets and missing transverse momentum at the LHC, *Journal of High Energy Physics* 2011 (2011)7:113(25)
172. Measurement of the inclusive Z cross section via decays to tau pairs in pp collisions at $\sqrt{s}=7$ TeV, *Journal of High Energy Physics* 2011 (2011)8:117(31)
173. Measurement of the inclusive W and Z production cross sections in pp collisions at $\sqrt{s}=7$ TeV with the CMS experiment, *Journal of High Energy Physics* 2011 (2011)10:132(74)
174. Dependence on pseudorapidity and on centrality of charged hadron production in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV, *Journal of High Energy Physics* 2011 (2011)8:141(33)
175. Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV, *Journal of High Energy Physics* 2011 (2011)11:148(37)
176. Search for new physics with jets and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV, *Journal of High Energy Physics* 2011 (2011)8:155(45)
177. Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum, *Journal of High Energy Physics* 2011 (2011)8:156(42)
178. Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC, *Physical Review D* 84 (2011)11:2002(23)
179. Measurement of the $t\bar{t}$ - production cross section in pp collisions at 7 TeV in lepton + jets events using b-quark jet identification, *Physical Review D* 84 (2011)9:2004(24)
180. Measurement of the B_0 s production cross section with $B_0 \rightarrow J/\Psi \text{ Phi}$ decays in pp collisions at $\sqrt{s}=7$ TeV, *Physical Review D* 84 (2011)5:2008(16)
181. Measurement of the differential cross section for isolated prompt photon production in pp collisions at 7 TeV, *Physical Review D* 84 (2011)5:2011(29)
182. Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Physical Review C Nuclear Physics* 84 (2011)2:4906(26)
183. Search for neutral minimal supersymmetric standard model Higgs bosons decaying to Tau pairs in pp collisions at $\sqrt{s}=\text{TeV}$, *Physical Review Letters* 106 (2011)23:1801(15)
184. Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with two photons and missing transverse energy, *Physical Review Letters* 106 (2011)21:1802(15)
185. Measurement of the B_0 production cross section in pp collisions at $\sqrt{s}=7$ TeV, *Physical Review Letters* 106 (2011)25:2001(15)
186. Study of Z boson production in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Physical Review Letters* 106 (2011)21:2301(14)

187. Search for three-jet resonances in pp collisions at $\sqrt{s}=7$ TeV, Physical Review Letters 107 (2011)10:1801(15)
188. Measurement of the polarization of W bosons with large transverse momenta in W+jets events at the LHC, Physical Review Letters 107 (2011)2:1802(15)
189. Measurement of the t-channel single top quark production cross section in pp collisions at $\sqrt{s}=7$ TeV, Physical Review Letters 107 (2011)9:1802(15)
190. Search for a vectorlike quark with charge $2/3$ in $t + Z$ events from pp collisions at $\sqrt{s} = 7$ TeV, Physical Review Letters 107 (2011)22:1802(15)
191. Search for new physics with a monojet and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV, Physical Review Letters 107 (2011)20:1804(15)
192. Search for supersymmetry at the LHC in events with jets and missing transverse energy, Physical Review Letters 107 (2011)22:1804(16)
193. Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s}=7$ TeV, Physical Review Letters 107 (2011)13:2001(14)
194. Indications of suppression of excited pions states in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV, Physical Review Letters 107 (2011)5:2302(15)
195. Measurement of $W+W^-$ production and search for the Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV, Physics Letters B 699 (2011)1-2:25-47.
196. Search for a W' boson decaying to a muon and a neutrino in pp collisions at $\sqrt{s} = 7$ TeV, Physics Letters B 701 (2011)2:160-2.
197. Search for a heavy bottom-like quark in pp collisions at $\sqrt{s} = 7$ TeV, Physics Letters B 701 (2011)2:204-223.
198. Measurement of $W\gamma$ and $Z\gamma$ production in pp collisions at $\sqrt{s}=7$ TeV, Physics Letters B 701 (2011)5:535-555.
199. Measurement of the ratio of the 3-jet to 2-jet cross sections in pp collisions at $\sqrt{s}=7$ TeV, Physics Letters B 702 (2011)5:336-354.
200. Search for first generation scalar leptoquarks in the $e \nu jj$ channel in pp collisions at $\sqrt{s} = 7$ TeV, Physics Letters B 703 (2011)3:246-266.
201. A search for excited leptons in pp collisions at $\sqrt{s} = 7$ TeV, Physics Letters B 704 (2011)3:143-162.
202. Search for physics beyond the standard model using multilepton signatures in pp collisions at $\sqrt{s}=7$ TeV, Physics Letters B 704 (2011)5:411-433.
203. First measurements of beauty quark production at $\sqrt{s} = 7$ TeV with the CMS experiment, Nuclear Physics A 855 (2011)1:436-439.
204. Tracking and vertexing capabilities of the CMS tracking detector with the first LHC data, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 650 (2011)1:224-229.

205. Photon reconstruction with CMS, Nuclear Physics A 855 (2011)1:347-350.
206. A new CMS pixel detector for the LHC luminosity upgrade, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 658 (2011)1:41-45.
207. Performance of CMS ECAL with first LHC data, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 628 (2011)1:90-94.
208. First results of the CMS experiment on QCD physics, International Journal of Modern Physics A 26 (2011)3-4:396-401.
209. Particle identification by ionization energy loss in the CMS silicon strip tracker, International Journal of Modern Physics E 20 (2011)7:1646-1650.
210. Upgrade of the CMS tracker, Nuclear Instruments and Methods A Supplement 636 (2011)1:S194-S200.
211. Operation of the CMS silicon strip tracker, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 652 (2011)1:680-683.
212. Conceptual study of a trigger module for the CMS Tracker at SLHC, Nuclear Instruments and Methods A Supplement 636 (2011)1:S201-S207.
213. Jet reconstruction in CMS using charged tracks only, International Journal of Modern Physics E 20 (2011)7:1556-1560.
214. Physics at the LHC and sLHC, Nuclear Instruments and Methods A Supplement 636 (2011)1:1-7.
215. CMS potential for the Higgs boson discovery with 1 fb⁻¹, Acta Physica Polonica B 42 (2011)7:1409-1418.
216. CMS trigger and data taking in 2010, Acta Physica Polonica B 42 (2011)7:1427-1441.
217. Prompt and non-prompt J/Psi production in pp collisions at $\sqrt{s} = 7$ TeV, European Physical Journal C 71 (2011)3:1575(26)
218. Search for heavy stable charged particles in pp collisions at $\sqrt{s}=7$ TeV, Journal of High Energy Physics 2011 (2011)3:24(28)
219. Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV, Journal of High Energy Physics 2011 (2011)5:29(28)
220. Strange particle production in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV, Journal of High Energy Physics 2011 (2011)5:64(39)
221. Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2011 (2011)1:80(39)
222. Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2011 (2011)3:90(28)

223. Measurement of BB- angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV, *Journal of High Energy Physics* 2011 (2011)3:136(34)
224. Upsilon production cross section in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review D* 83 (2011)11:2004(26)
225. Search for stopped gluinos in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 106 (2011)1:1801(15)
226. Search for pair production of first-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 106 (2011)20:1802(15)
227. Search for pair production of second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 106 (2011)20:1803(15)
228. Measurement of dijet Auger distributions and search for quark compositeness in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 106 (2011)20:1804(14)
229. Measurement of the isolated prompt photon production cross section in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 106 (2011)8:2001(15)
230. Measurement of the B+ production cross section in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 106 (2011)11:2001(15)
231. Dijet azimuthal decorrelations in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 106 (2011)12:2003(15)
232. First measurement of the cross section for top-quark pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 695 (2011)5:424-443.
233. Search for microscopic black hole signatures at the Large Hadron Collider, *Physics Letters B* 697 (2011)5:434-453.
234. 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, *Physics Letters B* 698 (2011)1:21-39.
235. Search for supersymmetry in pp collisions at 7 TeV in events with jets and missing transverse energy, *Physics Letters B* 698 (2011)3:196-218.
236. First measurement of hadronic event shapes in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 699 (2011)1-2:48-67.
237. CMS overall performance and physics results in 2010, *Acta Physica Polonica B* 42 (2011)7:1443-1456.
238. Charged hadron multiplicity and transverse energy densities in PbPb collisions from CMS, *Journal of Physics G Nuclear and Particle Physics* 38 (2011)12:4041(4)
239. The online calibration, operation, and performance of the CMS pixel detector, *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment* 650 (2011)1:14-18.

240. Offline calibrations and performance of the CMS pixel detector, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 650 (2011)1:25-29.
241. Quarkonium production in pp collisions at 7 TeV, Nuclear Physics A 855 (2011)1:174-180.
242. Small-x physics with CMS at LHC, Nuclear Physics A 854 (2011)1:222-229.
243. Measurement of forward jets, forward energy flow and diffractive events with CMS, Nuclear Physics A 855 (2011)1:478-481.
244. B to J/Psi measurement in PbPb at $\sqrt{s_{NN}} = 2.76$ TeV using CMS, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4191(4)
245. Performance of the upgraded CMS pixel detector for the LHC Phase 1, Journal of Instrumentation 6 (2011)12:2039(6)
246. Measurement of Bose-Einstein correlations in pp collisions at the LHC with CMS, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4057(4)
247. The heavy-ion program of the CMS experiment, Nuclear Physics A 855 (2011)1:531-534.
248. CMS muon detector and trigger performance, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 628 (2011)1:142-145.
249. Weak boson production measured in PbPb and pp collisions by CMS, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4132
250. Experience with CMS electronics in 7 TeV operation, Journal of Instrumentation 6 (2011)C01:97(5)
251. Jet results and jet reconstruction techniques in p+p and their prospects in Pb+Pb collisions in CMS, International Journal of Modern Physics E 20 (2011)7:1639-1544.
252. Searches for extra dimensions in the CMS experiment at the Large Hadron Collider (LHC), Physics of Atomic Nuclei 74 (2011)3:490-495.
253. First CMS results from PbPb collisions, Nuclear Physics A 862 (2011)1:S85-S91.
254. CMS first results, Progress of Theoretical Physics Supplement 187 (2011)1:250-256.
255. Study of jet quenching using dijets in PbPb collisions with CMS, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4084(4)
256. Ridge correlation structure in high-multiplicity pp collisions with CMS, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4051(4)
257. Anisotropic flow measurements in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions from the CMS experiment, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4011(4)

258. Calibration, alignment and tracking performance of the CMS silicon strip tracker, Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 628 (2011)1:59-63.
259. Correlations and fluctuations measured by the CMS experiment in pp and PbPb, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4027(9)
260. QCD jet physics with the CMS detector at the LHC, Nuclear Physics A 855 (2011)1:290-294.
261. CMS results in pp collisions, Nuclear Physics A 855 (2011)1:23-31.
262. Overview of experimental results in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV by the CMS Collaboration, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4005(8)
263. Nuclear modification factors from the CMS experiment, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4015(8)
264. Jet fragmentation functions measured in Pb-Pb collisions with CMS, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4157(4)
265. Centrality and pT dependence of a charged particle RAA in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4116(4)
266. CMS search in 2010, Acta Physica Polonica B 42 (2011)7:1699-1715.
267. Bottomonium production measured in PbPb and pp collisions by CMS, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4071(4)
268. Charged hadron azimuthal anisotropy (v_2) in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions from CMS, Journal of Physics G Nuclear and Particle Physics 38 (2011)12:4046(4)
269. The Ridge effect from p-p to Pb-Pb (and back), Acta Physica Polonica B 43 (2012)705-
270. Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $\sqrt{s} = 7$ TeV, European Physical Journal C 72 (2012)1:1839(28)
271. Study of high-pT charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV, European Physical Journal C 72 (2012)3:1945(22)
272. Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, European Physical Journal C 72 (2012)5:2012(26)
273. Performance of CMS muon reconstruction in pp collision events at $\sqrt{s} = 7$ TeV, Journal of Instrumentation 7 (2012)10:2(85)
274. Jet production rates in association with W and Z bosons in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)1:10(45)
275. J/Psi and Psi(2S) production in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)2:11(46)

276. Search for dark matter and large extra dimensions in monojet events in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)9:18(37)
277. Search for supersymmetry in hadronic final states using MT_2 in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)10:18(40)
278. Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)8:23(33)
279. Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)8:26(32)
280. Search for anomalous $t\bar{t}$ - production in the highly-boosted all-hadronic final state, Journal of High Energy Physics 2012 (2012)9:29(41)
281. Search for $B_0 \rightarrow \mu^+\mu^-$ and $B_0 \rightarrow \mu^+m^-$ decays, Journal of High Energy Physics 2012 (2012)4:33(36)
282. Search for a Higgs boson in the decay channel $H \rightarrow ZZ^{(*)} \rightarrow qq\text{-}l\text{-}l$ in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)4:36(36)
283. 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, Journal of High Energy Physics 2012 (2012)6:36(38)
284. Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 2l2\nu$ channel in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)3:40(31)
285. Exclusive $\gamma\gamma \rightarrow \mu^+\mu^-$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)1:52(39)
286. Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)5:55(29)
287. Search for microscopic black holes in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)4:61(36)
288. Suppression of non-prompt J/Psi, prompt J/Psi, and Gamma(1S) in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics 2012 (2012)5:63(53)
289. Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow l\text{-}l\text{-}\tau^+\tau^-$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)3:81(30)
290. Inclusive b-jet production in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)4:84(36)
291. Measurement of jet fragmentation into charged particles in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Journal of High Energy Physics 2012 (2012)10:87(30)
292. Measurement of the mass difference between top and antitop quarks, Journal of High Energy Physics 2012 (2012)6:109(36)
293. Search for leptonic decays of W' bosons in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)8:110(36)

294. Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)9:111(38)
295. Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)5:123(30)
296. Measurement of the Z/γ^*+b -jet cross section in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)6:126(30)
297. Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the novel jet-area/median approach, Journal of High Energy Physics 2012 (2012)8:130(34)
298. Measurement of the production cross section for pairs of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)1:133(38)
299. Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)7:143(38)
300. Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)6:160(39)
301. Search for heavy bottom-like quarks in 4.9 fb⁻¹ of pp collisions at $\sqrt{s} = 7$ TeV, Journal of High Energy Physics 2012 (2012)6:169(34)
302. Measurement of the rapidity and transverse momentum distributions of Z bosons in pp collisions at $\sqrt{s} = 7$ TeV, Physical Review D 85 (2012)3:2002(21)
303. Inclusive search for squarks and gluinos in pp collisions at $\sqrt{s} = 7$ TeV, Physical Review D 85 (2012)1:2004(23)
304. Measurement of the $t\bar{t}$ - production cross section in pp collisions at $\sqrt{s} = 7$ TeV in dilepton final states containing a tau, Physical Review D 85 (2012)11:2007(18)
305. Search for supersymmetry in events with b-quark jets and missing transverse energy in pp collisions at 7 TeV, Physical Review D 86 (2012)7:2010(29)
306. Search for pair production of first- and second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV, Physical Review D 86 (2012)5:2013(23)
307. Search for dark matter and large extra dimensions in pp collisions yielding a photon and missing transverse energy, Physical Review Letters 108 (2012)26:1803(16)
308. Search for the standard model Higgs boson in the decay channel $H \rightarrow ZZ \rightarrow 4l$ in pp collisions at $\sqrt{s} = 7$ TeV, Physical Review Letters 108 (2012)11:1804(17)
309. Observation of a new Xib baryon, Physical Review Letters 108 (2012)25:2002(15)
310. Search for a light pseudoscalar Higgs boson in the dimuon decay channel in pp collisions at $\sqrt{s} = 7$ TeV, Physical Review Letters 109 (2012)12:1801(15)
311. Search for a W' or techni-p decaying into WZ in pp collisions at $\sqrt{s} = 7$ TeV, Physical Review Letters 109 (2012)14:1801(16)

312. Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy, *Physical Review Letters* 109 (2012)7:1803(16)
313. Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 109 (2012)17:1803(16)
314. Measurement of the electron charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV, *Physical Review Letters* 109 (2012)11:1806(15)
315. Azimuthal anisotropy of charged particles at high transverse momenta in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Physical Review Letters* 109 (2012)2:2301(15)
316. Measurement of the pseudorapidity and centrality dependence of the transverse energy density in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Physical Review Letters* 109 (2012)15:2303(16)
317. Measurement of the charged asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 709 (2012)1-2:28-49.
318. Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 710 (2012)1:26-48.
319. 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, *Physics Letters B* 710 (2012)1:91-113.
320. Measurement of isolated photon production in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Physics Letters B* 710 (2012)2:256-277.
321. Search for the standard model Higgs boson decaying to bottom quarks in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 710 (2012)2:284-306.
322. Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 710 (2012)3:403-425.
323. Search for large extra dimensions in dimuon and dielectron events in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 711 (2012)1:15-34.
324. Jet momentum dependence of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Physics Letters B* 712 (2012)3:176-197.
325. Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 713 (2012)2:68-90.
326. Search for heavy long-lived charged particles in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 713 (2012)4-5:408-443.
327. Measurement of the Λ_b cross section and the $\Lambda_b \rightarrow \Lambda b$ ratio with J/Ψ Λ_b decays in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 714 (2012)2-5:136-157.
328. Search for narrow resonances in dilepton mass spectra in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 714 (2012)2-5:158-179.
329. Study of W boson production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Physics Letters B* 715 (2012)1-3:66-87.

330. Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC, *Physics Letters B* 716 (2012)30-61.
331. Search for high-mass resonances decaying into Tau-lepton pairs in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 716 (2012)1:82-102.
332. Search for heavy, top-like quark pair production in the dilepton final state in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 716 (2012)1:103-121.
333. Search for physics beyond the standard model in events with a Z boson, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 716 (2012)2:260-284.
334. Search for heavy Majorana neutrinos in $\mu^+\mu^- +$ jets and $e^+e^- +$ jets events in pp collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 717 (2012)1-3:109
335. Inclusive and differential measurements of the $t\bar{t}$ charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV, *Physics Letters B* 717 (2012)1-3:129-128.
336. Search for charge-asymmetric production of W' bosons in $t\bar{t} +$ jet events from pp collisions in $\sqrt{s} = 7$ TeV, *Physics Letters B* 717 (2012)4-5:351-370.
337. Jet results from CMS, *Progress of Theoretical Physics Supplement* 193 (2012)249-
338. Readout chip for an L1 tracking trigger using asynchronous logic, *Journal of Instrumentation* 7 (2012)8004-
339. Heavy-flavor production in the CMS, *Acta Physica Polonica B* 43 (2012)517-
340. Dihadron correlations in pp and PbPb collisions, *Progress of Theoretical Physics Supplement* 193 (2012)159-
341. Hadron production at LHC with the CMS detector, *Progress of Theoretical Physics Supplement* 193 (2012)127-
342. Search for the Higgs boson and beyond standard model phenomena in CMS, *Progress of Theoretical Physics Supplement* 193 (2012)272-