- L4. "Densest Matter Created in Big-Bang Machine" (http://news.nationalgeographic.com/news/2011/05/110524-densest-matter-created-lhc-alice-big-bang-space-science/). nationalgeographic.com. 26 May 2011.
- L5. "LHC achieves 2011 data milestone" (http://press.cern/press-releases/2011/06/lhc-achieves-2011-data-milestone). *Media and Press Relations* (Press release). CERN. 17 June 2011. Retrieved 20 June 2011.
- 16. Anna Phan. "One Recorded Inverse Femtobarn!!!" (http://www.quantumdiaries.org/2011/10/18/one-recorded-inverse-femtobarn/). *Quantum Diaries*.
- L7. Jonathan Amos (22 December 2011). "LHC reports discovery of its first new particle" (https://www.bbc.co.uk/news/science-environment-16301908). BBC News.
- 18. "LHC physics data taking gets underway at new record collision energy of 8TeV" (ht tp://press.cern/press-releases/2012/04/lhc-physics-data-taking-gets-underway-new-record-collision-energy-8tev). Media and Press Relations (Press release). CERN. 5 April 2012. Retrieved 13 November 2016.
- 19. "New results indicate that new particle is a Higgs boson" (http://home.web.cern.ch/about/updates/2013/03/new-results-indicate-new-particle-higgs-boson). CERN. 14 March 2013. Retrieved 14 March 2013.
- 20. Ghosh, Pallab (12 November 2012). "Popular physics theory running out of hiding places" (https://www.bbc.co.uk/news/science-environment-20300100). BBC News. Retrieved 14 November 2012.
- 21. "The first LHC protons run ends with new milestone" (http://press.cern/press-releas es/2012/12/first-lhc-protons-run-ends-new-milestone). *Media and Press Relations* (Press release). CERN. 17 December 2012. Retrieved 10 March 2014.
- 22. "First successful beam at record energy of 6.5 TeV" (http://home.web.cern.ch/about /updates/2015/04/first-successful-beam-record-energy-65-tev). CERN. 10 April 2015. Retrieved 5 May 2015.
- 23. cds.cern.ch https://cds.cern.ch/journal/CERNBulletin/2015/49/News+Articles/2105084?ln=en (https://cds.cern.ch/journal/CERNBulletin/2015/49/News+Articles/2105084?ln=en). Missing or empty |title=(help)
- 24. "LHC Report: Another run is over and LS2 has just begun..." (https://home.cern/new s/news/accelerators/lhc-report-another-run-over-and-ls2-has-just-begun). *CERN*.
- 25. P. Rincon (17 May 2010). "LHC particle search 'nearing', says physicist" (http://new s.bbc.co.uk/1/hi/sci/tech/8685541.stm). BBC News.
- 26. V. Khachatryan *et al.* (CMS collaboration) (2010). "Transverse momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s}=0.9$ and 2.36 TeV" (https://doi.org/10.1007%2FJHEP02%282010%29041). *Journal of High Energy Physics*. **2010** (2): 1–35. arXiv:1002.0621 (https://arxiv.org/abs/1002.0621). Bibcode:2010JHEP...02..041K (https://ui.adsabs.harvard.edu/abs/2010JHEP...02..041K). doi:10.1007/JHEP02(2010)041 (https://doi.org/10.1007%2FJHEP02%282010%29041).
- 27. V. Khachatryan et al. (CMS collaboration) (2011). "Search for Microscopic Black Hole Signatures at the Large Hadron Collider" (https://doi.org/10.1016%2Fj.physlet b.2011.02.032). Physics Letters B. 697 (5): 434–453. arXiv:1012.3375 (https://arxiv.org/abs/1012.3375). Bibcode:2011PhLB..697..434C (https://ui.adsabs.harvard.edu/abs/2011PhLB..697..434C). doi:10.1016/j.physletb.2011.02.032 (https://doi.org/10.1016%2Fj.physletb.2011.02.032).

24 of 29 3/3/21, 19:57