

PMPP/SHiP groups publications (January 2015-June 2017)

PMPP

- [1] M. Benayoun. “VMD/HLS Approach to the Muon $g - 2$ ”. *IOP Conference Series* (2017).
- [2] Jorge H. Alvarenga Nogueira et al. “Summary of the 2015 LHCb workshop on multi-body decays of D and B mesons” (2016). Ed. by Alberto Correa dos Reis and Jonas Rademacker. arXiv: [1605.03889 \[hep-ex\]](#).
- [3] M. Benayoun. “The HLS Approach to $(g - 2)_\mu$: A Solution to the τ versus e^+e^- Puzzle ”. *EPJC Web Conference* C118.01001 (2016).
- [4] M. Benayoun et al. “A BHLS model based moment analysis of muon $g-2$, and its use for lattice QCD evaluations of a_μ^{had} ” (2016). arXiv: [1605.04474 \[hep-ph\]](#).
- [5] B. Loiseau. “Theory overview on amplitude analyses with charm decays”. *PoS CHARM2016* (2016), p. 033. arXiv: [1611.05286 \[hep-ph\]](#).
- [6] M. Benayoun et al. “Muon $g - 2$ estimates: can one trust effective Lagrangians and global fits?” *Eur. Phys. J. C* 75.12 (2015), p. 613. arXiv: [1507.02943 \[hep-ph\]](#).
- [7] E. Friedman et al. “Antinucleon–nucleus interaction near threshold from the Paris $\bar{N}N$ potential”. *Nucl. Phys. A* 943 (2015), pp. 101–116. arXiv: [1506.06965 \[nucl-th\]](#).
- [8] S. Wycech, J. P. Dedonder, and B. Loiseau. “Baryonium, a common ground for atomic and high energy physics”. *Hyperfine Interact.* 234.1-3 (2015), pp. 141–148. arXiv: [1503.03319 \[nucl-th\]](#).

SHiP

- [1] A. Akmete et al. (SHiP Collaboration). “The active muon shield in the SHiP experiment”. *JINST* 12.05 (2017), P05011. arXiv: [1703.03612 \[physics.ins-det\]](#).
- [2] F. Vannucci. “Interactions of neutrinos with matter”. *Progress in Particle and Nuclear Physics* 95 (2017), pp. 1–47. ISSN: 0146-6410. URL: <http://www.sciencedirect.com/science/article/pii/S0146641017300340>.
- [3] M. Anelli et al. (SHiP Collaboration). “Search for Hidden Particles” (2015). arXiv: [1504.04956v1 \[physics.ins-det\]](#).