

# 1 Selected Publications

## References

- [1] **ALICE** Collaboration, D. Kim *et al.*, “Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at  $\sqrt{s_{NN}} = 2.76$  TeV,” *Phys. Rev.* **C97** no. 2, (2018) 024906, [arXiv:1709.01127](#) [nucl-ex].
- [2] **ALICE** Collaboration, D. Kim *et al.*, “Linear and non-linear flow modes in Pb-Pb collisions at  $\sqrt{s_{NN}} = 2.76$  TeV,” *Phys. Lett.* **B773** (2017) 68–80, [arXiv:1705.04377](#) [nucl-ex].
- [3] **ALICE** Collaboration, D. Kim *et al.*, “Correlated event-by-event fluctuations of flow harmonics in Pb-Pb collisions at  $\sqrt{s_{NN}} = 2.76$  TeV,” *Phys. Rev. Lett.* **117** (2016) 182301, [arXiv:1604.07663](#) [nucl-ex].
- [4] **ALICE** Collaboration, D. Kim *et al.*, “Long-range angular correlations on the near and away side in  $p$ -Pb collisions at  $\sqrt{s_{NN}} = 5.02$  TeV,” *Phys. Lett.* **B719** (2013) 29–41, [arXiv:1212.2001](#) [nucl-ex].
- [5] **ALICE** Collaboration, D. Kim *et al.*, “Elliptic flow of charged particles in Pb-Pb collisions at 2.76 TeV,” *Phys. Rev. Lett.* **105** (2010) 252302, [arXiv:1011.3914](#) [nucl-ex].
- [6] **PHENIX** Collaboration, D. Kim *et al.*, “Creating small circular, elliptical, and triangular droplets of quark-gluon plasma,” *Nature Phys.* **15** no. 3, (2019) 214–220, [arXiv:1805.02973](#) [nucl-ex].
- [7] **PHENIX** Collaboration, D. Kim *et al.*, “Energy Loss and Flow of Heavy Quarks in Au+Au Collisions at  $\sqrt{s_{NN}} = 200$ -GeV,” *Phys. Rev. Lett.* **98** (2007) 172301, [arXiv:nucl-ex/0611018](#) [nucl-ex].
- [8] **PHENIX** Collaboration, D. Kim *et al.*, “Formation of dense partonic matter in relativistic nucleus-nucleus collisions at RHIC: Experimental evaluation by the PHENIX collaboration,” *Nucl. Phys.* **A757** (2005) 184–283, [arXiv:nucl-ex/0410003](#) [nucl-ex].
- [9] **PHENIX** Collaboration, D. Kim *et al.*, “Elliptic flow of identified hadrons in Au+Au collisions at  $\sqrt{s_{NN}} = 200$ -GeV,” *Phys. Rev. Lett.* **91** (2003) 182301, [arXiv:nucl-ex/0305013](#) [nucl-ex].
- [10] **PHENIX** Collaboration, D. Kim *et al.*, “Suppression of hadrons with large transverse momentum in central Au+Au collisions at  $\sqrt{s_{NN}} = 130$ -GeV,” *Phys. Rev. Lett.* **88** (2002) 022301, [arXiv:nucl-ex/0109003](#) [nucl-ex].