Seznam publikovaných prací

Jméno, příjmení, titul: Ing. Jakub Cimerman

Práce k tématu disertační práce

Články publikované v impaktovaném časopise

1. Cimerman, J., Karpenko, I., Tomášik, B. & Trzeciak, B. A. A benchmark of initial state models for heavy-ion collisions at $\sqrt{s_{\rm NN}}$ = 27 and 62 GeV. *Phys. Rev. C* **103,** 034902. arXiv: 2012.10266 [nucl-th] (2021). Citace dle Scopus: 3

2. Cimerman, J., Karpenko, I., Tomášik, B. & Trzeciak, B. A. Anisotropic flow decorrelation in heavy-ion collisions with event-by-event viscous hydrodynamics. *Phys. Rev. C* **104,** 014904. arXiv: 2104.08022 [nucl-th] (2021). Citace dle Scopus: 2

Příspěvky z konferencí

1. Cimerman, J., Karpenko, I., Tomášik, B. & Trzeciak, B. A. Anisotropic flow decorrelation in heavy-ion collisions at RHIC-BES energies with 3D event-by-event viscous hydrodynamics. *PoS* **EPS-HEP2021,** 312. arXiv: 2110.05578 [nucl-th] (2022). Citace dle Scopus: 0

2. Cimerman, J., Karpenko, I., Tomasik, B. & Trzeciak, B. A. Flow decorrelation in heavy-ion collisions at $\sqrt{s_{\rm NN}}$=27 and 200 GeV with 3D event-by-event viscous hydrodynamics. *SciPost Phys. Proc.* **10,** 031. arXiv: 2110.14783 [nucl-th] (2022). Citace dle Scopus: 0

Ostatní práce

1. Tomášik, B., Melo, I. & Cimerman, J. Generation of random deviates for relativistic quantum-statistical distributions. *Communications - Scientific Letters of the University of Zilina* **19,** 66–70. arXiv: 1602.08233 [physics.comp-ph] (2017). Citace dle Scopus: 0

2. Cimerman, J., Tomášik, B., Csanád, M. & Lökös, S. Higher-order anisotropies in the Blast-Wave Model - disentangling flow and density field anisotropies. *Eur. Phys. J. A* **53,** 161. arXiv: 1702.01735 [nucl-th] (2017). Citace dle Scopus: 9

3. Tomášik, B. & Cimerman, J. Event by event fluctuations of the source shape: implications for the Levy shape, and Event Shape Sorting. *Acta Phys. Pol. B Proc. Suppl.* **12,** 229. arXiv: 1810.01157 [nucl-th] (2019). Citace dle Scopus: 0

4. Tomášik, B., Cimerman, J., Kopečná, R. & Schulc, M. Fluctuating shapes of the fireballs in heavy-ion collisions. *EPJ Web Conf.* **204** (eds Bondarenko, S., Burov, V. & Malakhov, A.) 03011. arXiv: 1811.10349 [nucl-th] (2019). Citace dle Scopus: 0

5. Cimerman, J. & Tomášik, B. Event Shape Sorting: prospects and femtoscopy applications. *PoS* **CORFU2018** (eds Anagnostopoulos, K. *et al.*) 194. arXiv: 1902.08973 [nucl-th] (2019). Citace dle Scopus: 0

6. Tomášik, B., Cimerman, J. & Plumberg, C. Averaging and the Shape of the Correlation Function. *Universe* **5,** 148 (2019). Citace dle Scopus: 1

7. Cimerman, J., Tomášik, B. & Plumberg, C. The Shape of the Correlation Function. *Phys. Part. Nucl.* **51,** 3. arXiv: 1909.00278 [nucl-th] (2020). Citace dle Scopus: 3

8. Cimerman, J., Plumberg, C. & Tomášik, B. The Shape of the Correlation Function. arXiv: 1909.07998 [nucl-th]. Citace dle Scopus: 0

9. Tomášik, B. & Cimerman, J. Prospects of Event Shape Sorting. *Phys. Part. Nucl.* **51,** 232–237. arXiv: 1910.14183 [nucl-th] (2020). Citace dle Scopus: 0

10. Cimerman, J., Plumberg, C. & Tomášik, B. The Shape of the Correlation Function. *PoS* **ICHEP2020,** 538. arXiv: 2012.04412 [nucl-th] (2021). Citace dle Scopus: 1