

Samo Stanič, scientific papers in 2024

References

- [1] F. Gao *et al.*, “Performance analysis of high-spectral-resolution lidar with/without laser seeding technique for measuring aerosol optical properties,” *Optics and lasers in engineering* **177** (2024), 108133. <https://doi.org/10.1016/j.optlaseng.2024.108133>.
- [2] S. Abe *et al.* [CTA Consortium], “Prospects for a survey of the galactic plane with the Cherenkov Telescope Array,” *JCAP* **10** (2024), 081, <https://doi.org/10.1088/1475-7516/2024/10/081>.
- [3] K. Abe *et al.* [CTA Consortium], “Prospects for γ -ray observations of the Perseus galaxy cluster with the Cherenkov Telescope Array,” *JCAP* **10** (2024), 004, <https://doi.org/10.1088/1475-7516/2024/10/004>.
- [4] S. Abe *et al.* [CTAO], “Dark matter line searches with the Cherenkov Telescope Array,” *JCAP* **07** (2024), 047 <https://doi.org/10.1088/1475-7516/2024/07/047>.
- [5] A. A. Halim *et al.* [Pierre Auger], “Large-scale Cosmic-ray Anisotropies with 19 yr of Data from the Pierre Auger Observatory,” *Astrophys. J.* **976** (2024) no.1, 48 <https://doi.org/10.3847/1538-4357/ad843b>.
- [6] A. A. Halim *et al.* [Pierre Auger], “Search for photons above 10^{18} eV by simultaneously measuring the atmospheric depth and the muon content of air showers at the Pierre Auger Observatory,” *Phys. Rev. D* **110** (2024) no.6, 062005 <https://doi.org/10.1103/PhysRevD.110.062005>.
- [7] A. A. Halim *et al.* [Pierre Auger], “Impact of the magnetic horizon on the interpretation of the Pierre Auger Observatory spectrum and composition data,” *JCAP* **07** (2024), 094 <https://doi.org/10.1088/1475-7516/2024/07/094>.
- [8] A. A. Halim *et al.* [Pierre Auger], “Testing hadronic-model predictions of depth of maximum of air-shower profiles and ground-particle signals using hybrid data of the Pierre Auger Observatory,” *Phys. Rev. D* **109** (2024) no.10, 102001 <https://doi.org/10.1103/PhysRevD.109.102001>.
- [9] A. A. Halim *et al.* [Pierre Auger], PoS **TAUP2023** (2024), 136 <https://doi.org/10.22323/1.441.0136>.
- [10] A. A. Halim *et al.* [Pierre Auger], “Astrophysical interpretation of energy spectrum and mass composition of cosmic rays as measured at the Pierre Auger Observatory,” PoS **TAUP2023** (2024), 125 <https://doi.org/10.22323/1.441.0125>.

- [11] A. A. Halim *et al.* [Pierre Auger], “Constraints on metastable superheavy dark matter coupled to sterile neutrinos with the Pierre Auger Observatory,” Phys. Rev. D **109** (2024) no.8, L081101 <https://doi.org/10.1103/PhysRevD.109.L081101>.
- [12] A. A. Halim *et al.* [Pierre Auger], “Radio Measurements of the Depth of Air-Shower Maximum at the Pierre Auger Observatory,” Phys. Rev. D **109** (2024) no.2, 022002 <https://doi.org/10.1103/PhysRevD.109.022002>.
- [13] A. A. Halim *et al.* [Pierre Auger], “Demonstrating Agreement between Radio and Fluorescence Measurements of the Depth of Maximum of Extensive Air Showers at the Pierre Auger Observatory,” Phys. Rev. Lett. **132** (2024) no.2, 021001 <https://doi.org/10.1103/PhysRevLett.132.021001>.
- [14] A. A. Halim *et al.* [Pierre Auger], “Constraining models for the origin of ultra-high-energy cosmic rays with a novel combined analysis of arrival directions, spectrum, and composition data measured at the Pierre Auger Observatory,” JCAP **01** (2024), 022 <https://doi.org/10.1088/1475-7516/2024/01/022>.
- [15] O. Lux *et al.* [Pierre Auger], “Ground observations of a space laser for the assessment of its in-orbit performance,” Optica **11** (2024), 263 <https://doi.org/10.1364/OPTICA.507619>.