

# Samo Stanič, scientific papers in 2020

## References

- [1] L. Wang, S. Stanič, W. Eichinger, X. Song, M. Zavrtanik, “Polarization Raman lidar for atmospheric monitoring in the Vipava valley,” EPJ Web conferences **237** (2020), 02029, <https://doi.org/10.1051/epjconf/202023702029>.
- [2] L. Wang, M. Bervida, S. Stanič, K. Bergant, W. Eichinger, B. Strajnar, “Lidar observations of mountain waves during Bora episodes,” EPJ Web conferences **237** (2020), 06007, <https://doi.org/10.1051/epjconf/202023706007>.
- [3] M. Bervida, L. Patruno, S. Stanič, S. De Miranda, “Synthetic generation of the atmospheric boundary layer for wind loading assessment using spectral methods,” J. of Wind Eng. Ind. Aero. **196** (2020), 1, <https://doi.org/10.1016/j.jweia.2019.104040>.
- [4] A. Gregorič, L. Drinovec, I. Ježek, J. Vaupotič, M. Lenarčič, D. Grauf, L. Wang, M. Mole, S. Stanič, G. Močnik, “The determination of highly time-resolved and source-separated black carbon emission rates using radon as a tracer of atmospheric dynamics,” Atmospheric chemistry and physics **20** (2020) 14139, <https://doi.org/10.5194/acp-20-14139-2020>.
- [5] A. Aab *et al.* [Pierre Auger], “A Search for Ultra-high-energy Neutrinos from TXS 0506+056 Using the Pierre Auger Observatory,” Astrophys. J. **902** (2020) no.2, 105, <https://doi.org/10.3847/1538-4357/abb476>.
- [6] A. Aab *et al.* [Pierre Auger], “Direct measurement of the muonic content of extensive air showers between  $2 \times 10^{17}$  and  $2 \times 10^{18}$  eV at the Pierre Auger Observatory,” Eur. Phys. J. C **80** (2020) no.8, 751, <https://doi.org/10.1140/epjc/s10052-020-8055-y>.
- [7] A. Aab *et al.* [Pierre Auger], “Measurement of the cosmic-ray energy spectrum above  $2.5 \times 10^{18}$  eV using the Pierre Auger Observatory,” Phys. Rev. D **102** (2020) no.6, 062005, <https://doi.org/10.1103/PhysRevD.102.062005>.
- [8] A. Aab *et al.* [Pierre Auger], “Features of the energy spectrum of cosmic rays above  $2.5 \times 10^{18}$  eV using the Pierre Auger Observatory,” Phys. Rev. Lett. **125** (2020) no.12, 121106, <https://doi.org/10.1103/PhysRevLett.125.121106>.
- [9] A. Aab *et al.* [Pierre Auger], “Reconstruction of events recorded with the surface detector of the Pierre Auger Observatory,” JINST **15** (2020) no.10, P10021, <https://doi.org/10.1088/1748-0221/15/10/P10021>.
- [10] A. Aab *et al.* [Pierre Auger], “Studies on the response of a water-Cherenkov detector of the Pierre Auger Observatory to atmospheric muons using an RPC hodoscope,” JINST **15** (2020) no.09, P09002, <https://doi.org/10.1088/1748-0221/15/09/P09002>.

- [11] A. Aab *et al.* [Pierre Auger], “Search for magnetically-induced signatures in the arrival directions of ultra-high-energy cosmic rays measured at the Pierre Auger Observatory,” *JCAP* **06** (2020), 017 <https://doi.org/10.1088/1475-7516/2020/06/017>.
- [12] A. Aab *et al.* [Pierre Auger], “A Three Year Sample of Almost 1600 Elves Recorded Above South America by the Pierre Auger Cosmic-Ray Observatory,” *Earth Space Sci.* **7** (2020) no.4, e2019EA000582, <https://doi.org/10.1029/2019ea000582>.
- [13] A. Aab *et al.* [Pierre Auger], “Cosmic-ray anisotropies in right ascension measured by the Pierre Auger Observatory,” *Astrophys. J.* **891** (2020), 142, <https://doi.org/10.3847/1538-4357/ab7236>.
- [14] D. Sahoo *et al.* [Belle], “Search for lepton-number- and baryon-number-violating  $\tau$  decays at Belle,” *Phys. Rev. D* **102** (2020), 111101 <https://doi.org/10.1103/PhysRevD.102.111101>.
- [15] S. Jia *et al.* [Belle], “Evidence for a vector charmoniumlike state in  $e^+e^- \rightarrow D_s^+ D_{s2}^*(2573)^- + c.c.$ ,” *Phys. Rev. D* **101** (2020) no.9, 091101, <https://doi.org/10.1103/PhysRevD.101.091101>.
- [16] M. Nayak *et al.* [Belle], “Measurement of the charm-mixing parameter  $y_{CP}$  in  $D^0 \rightarrow K_S^0 \omega$  decays at Belle,” *Phys. Rev. D* **102** (2020) no.7, 071102, <https://doi.org/10.1103/PhysRevD.102.071102>.
- [17] K. Tanida *et al.* [Belle], “Experimental determination of the isospin of  $\Lambda_c(2765)^+/\Sigma_c(2765)^+$ ,” *Hadron Spectroscopy and Structure* (2020), 183-187, [https://doi.org/10.1142/9789811219313\\_0028](https://doi.org/10.1142/9789811219313_0028).