

AtmoHEAD 2022

Wednesday, 13 July 2022

The influence of the atmosphere on the measurements of present and future UHECR and Gamma-Ray experiments (09:30 - 11:00)

time	[id] title	presenter
09:30	[1] THE INFLUENCE OF REDUCED ATMOSPHERIC TRANSMISSION ON THE CTA-NORTH PERFORMANCE	PECIMOTIKA, Mario
10:00	[11] Aerosol Measurements at Sub-per-cent Precision Using Wide-field Stellar Photometry	EBR, Jan
10:30	[5] Assessing aerosol induced errors in Monte Carlo based air-shower reconstruction for atmospheric Cherenkov detectors	Dr HOLCH, Tim Lukas

The influence of the atmosphere on the measurements of present and future UHECR and Gamma-Ray experiments (11:30 - 13:00)

time	[id] title	presenter
11:30	[14] Improved Point Spread Function Correction for Aerosol Measurements Using Wide-field Stellar Photometry	NEGI, Shefali
12:00	[27] Atmospheric Aerosols Light Attenuation using the Telescope Array Central Laser Facility	ABUZAYYAD, Tareq
12:30	[28] Atmospheric monitoring at the Pierre Auger Observatory and effects of aerosol attenuation on UHECR detection	KEILHAUER, Bianca VALORE, Laura