

AtmoHEAD 2018

Monday, September 24, 2018

The influence of the atmosphere on the measurements of present and future UHECR and Gamma-Ray experiments (9:30

AM - 11:00 AM)

-Conveners: Markus Gaug

time	[id] title	presenter
9:30 AM	[18] Update on the Atmospheric Monitoring at the MAGIC Site	Dr WILL, Martin
10:00 AM	[0] Applying H.E.S.S. Lidar profiles on Crab Nebula data and their impact	Mr VASILEIADIS, George
10:30 AM	[24] Influence of cloud altitude and optical depth on CTA-N performance	Dr MICANOVIC, Sasa

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

AM - 1:00 PM)

-Conveners: Bruce Dawson

time	[id] title	presenter
11:30 AM	[23] Atmospheric Monitoring for UHECR Space-based Missions	Dr MACKOVJAK, Simon
12:00 PM	[3] Producing realistic atmopsheres for radio simulations of extensive air showers using GDAS	Ms MITRA, PRAGATI
12:30 PM	[15] Studying molecular profiles above the Cherenkov Telescope Array sites	Dr MUNAR-ADROVER, Pere

The influence of the atmosphere on the measurements of present and future UHECR and Gamma-Ray experiments (2:30

PM - 3:30 PM)

-Conveners: Laura Valore

time	[id] title	presenter
2:30 PM	[13] Analysis of atmospheric attenuation using the Telescope Array central laser data	Prof. ABUZAYYAD, Tareq
3:00 PM	[10] The use of aerosol data in Auger Fluorescence Detector analysis	Prof. DAWSON, Bruce