AtmoHEAD 2024

Monday, 15 July 2024

Analysis techniques and simulations for atmospheric characterization (09:30 - 11:00)

-Conveners: Laura Valore

time	[id] title	presenter
09:30	[25] The Raman LIDAR technique	IARLORI, Marco
10:00	[12] The INFN Raman LIDAR aerosol measurements at CTA North and its future deployment at CTA South.	RIZI, Vincenzo
10:30	[5] The Barcelona Raman LIDAR project and its prospects for the Cherenkov Telescope Array Observatory-North	KOLAR, Darko

Analysis techniques and simulations for atmospheric characterization (11:30 - 13:00)

-Conveners: Vincenzo Rizi

time	[id] title	presenter
11:30	[4] Raman Lidar observations of the vertical profiles of aerosol optical properties and water vapour at the Pierre Auger Observatory	AVOCONE, Emanuele
12:00	[8] Investigating the effect of aerosol variations in high-level analyses of Cherenkov telescope data	HOLCH, Tim Lukas
12:30	[1] DESIGN AND DEVELOPMENT OF A RAMAN LIDAR FOR THE CTA SOUTH SITE	VASILEIADIS, George

Analysis techniques and simulations for atmospheric characterization (15:00 - 16:45)

-Conveners: Roberto Mussa

time	[id] title	presenter
15:00	[9] Updates of the atmospheric monitoring at the Pierre Auger Observatory	KEILHAUER, Bianca
15:45	[18] Aerosol Measurement in B, V, and R Filters using Wide-field Photometry	NEGI, Shefali
16:15	[2] A novel image correction method for cloud-affected observations with Imaging Atmospheric Cherenkov Telescopes	ZYWUCKA, Natalia

Analysis techniques and simulations for atmospheric characterization (17:15 - 18:15)

-Conveners: Markus Gaug

time	[id] title	presenter
17:15	[3] Estimation of the atmospheric transmission profile with the IACT background data	PECIMOTIKA, Mario
17:45	[14] FRAM Next Generation: cloud monitoring in the age of CMOS cameras	EBR, Jan