Contribution ID: **19** Type: **not specified**

Seven years of quasi-continuous LIDAR data

Thursday, 14 July 2022 14:30 (30 minutes)

We present a full analysis of the seven years of quasi-continuous LIDAR data
taken during those nights when the MAGIC telescopes were operating. Characterization of the nocturnal ground layer yields zenith and azimuth angle dependent aerosol
extinction scale heights for clear nights. We derive aerosol transmission statistics for light emitted from various altitudes throughout the year and separated by seasons. We find further seasonal dependencies of cloud base and top altitudes, but none for the LIDAR ratios of clouds.

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Session Classification: LIDAR tecnique applied to UHECR and Gamma Ray experiments