

AtmoHEAD: Atmospheric Monitoring for High-Energy Astroparticle Detectors



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Type: **Talk**

Current capabilities for atmospheric monitoring

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This presentation will describe the various atmospheric monitoring techniques that may be of interest to the Atmohead community :

- Temperature (density) profile of the atmosphere, from the surface and by satellite
- Cloud cover and cloud parameters by satellite
- Aerosol extinction profile by ground-based Lidar
- Aerosol extinction profile by spaceborne Lidar
- Aerosol scattering properties

The author works in the climate / environment research field. The presentation and the subsequent discussion are intended to present what is currently available, but mostly to reach a better understanding of the Atmohead community needs, and identify potential collaborations between the communities.

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