

The Raman LIDAR for the pre-production phase of CTA.

Tuesday, 25 September 2018 12:00 (22 minutes)

This talk presents the ARCADE Raman lidar that has been tested and validated at L'Aquila before the deployment at CTA North site.

The performances and the limitation of Raman lidar (RL) technique are also discussed:

- the technical constrains of RL systems;
- the strategy of the observations at ORM site;
- the main signal analysis issues, i.e., how to estimate VAOD profiles, and data significance (errors and resolution).

Some final comments and conclusions are clearly outlined.

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Session Classification: analysis techniques and instruments