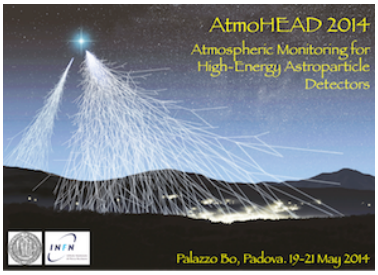

Contribution ID: **53** Type: **Oral**

FACT - Measuring atmospheric condition with an Imaging Air Cherenkov Telescope

Tuesday, 20 May 2014 10:30 (30 minutes)

For Imaging Air Cherenkov Telescopes, knowledge about the condition of the atmosphere is very important. Usually, this information is gathered by external devices like lidars and pyrometers. While pyrometers only give integral information, lidars have the problem that their lasers can affect data-taking.

Based on experience from the First G-APD Cherenkov Telescope (FACT), we present possibilities to extract information about quality of the atmosphere as well as ambient light conditons directly with the Cherenkov telescope itself during data-taking.

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Session Classification: Overview of Experiments