

Columbia University Department of Physics

High Energy Particle Seminar Series



“VHE gamma-ray astronomy: from experiments to observatories”

The last decade has witnessed the dawn of VHE gamma ray astronomy thanks to the present generation of Imaging Air Cherenkov Telescopes. These instruments are running as experiments but the worldwide community is already well advanced in preparing a qualitative step: building the two Cherenkov Telescope Array (CTA) observatories. In this talk, as an example of present generation experiments, the recent upgrade of MAGIC will be described and some physics highlights will be reported. Then the status and plans of the CTA project will be discussed.



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