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

Extreme Altitude All-Sky Observatories

Friday, 11 November 2016 10:00 (30 minutes)

This talk will be an overview of the physics and techniques that underlay the performance of all-sky ground-based gamma-ray observatories. An important aspect of the discussion will be on establishing the scientific case for building such an instrument. I will end with some generic simulation results that demonstrate the effect of altitude on the response of such arrays and some potential locations for such an array.

Primary author: Dr SINNIS, Gus (Los Alamos National Laboratory)

Presenter: Dr SINNIS, Gus (Los Alamos National Laboratory)

Session Classification: Motivation for a Wide-FOV Observatory

Track Classification: Gamma ray science