

## **DESCRIPTION OF THE HIGH RESOLUTION FLY'S EYE DETECTOR**

### **HiRes Collaboration**

The High Resolution Fly's Eye (HiRes) detector observes and measures properties of the highest energy cosmic rays. These observations are based on techniques established by the original Fly's Eye detector and is the realization of the next stage of fluorescence detection. The HiRes detector has been operating in various configurations since 1997. Since Fall 1999, HiRes has been operating with two detector sites that provide stereoscopic observations of cosmic ray induced air showers. A description of the detector and the techniques used to observe and measure UHECR events will be discussed in this presentation.