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The High Resolution Fly's Eye Detector and Measurement of the UHECR Spectrum WILLIAM HANLON, University of Utah, THE HIGH RESOLUTION FLY'S EYE (HIRES) COLLABORATION — The High Resolution Fly's Eye detector is an atmospheric fluorescence detector that has been searching for ultra high energy cosmic rays since 1997. It was designed to observe cosmic rays with energies above 3×10^{18} eV in stereo. A brief description of the detector and techniques used to observe these elusive particles will be presented. Recent stereoscopic spectrum results will also discussed.

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