

Cosmic-Ray Airshower Timing Experiment

M. A. DuVernois

School of Physics and Astronomy, University of Minnesota

A new, small-scale, experiment utilizing the finite thickness of air shower "pancakes" has been developed and is under construction. This is the Minnesota Rooftop Cosmic Ray Airshower Telescope Experiment (MR. CRATE). The detector is an inexpensive and physically small experiment capable of measurements at high energy. It has been optimized to look in two-fold coincidence at extensive air showers above 10^{15} eV. The design and some preliminary results will be discussed.