**Introduction of Waveform Digitizer**

- To include high schools in cosmic ray research, there is the need for the most affordable way of incorporating cosmic ray studies in high schools.

- Need a system that could digitize and hold about 100 bits/record. (Ac, Te, Ac, Te, Ac, Te)

- DAG that gave possibility of looking back in time to determine shower direction

- System with proper time resolution

- System that is not too expensive
  - CAMAC $5k - $10k
  - Waveform Digitizer, Comp. $10k

Waveform Digitizer meets this criteria