

Untitled

Deliverable project funding request

Stuart Briber & Steve Kliever (Cluster 9)

Item: Dell Centrino Laptop computer \$1100 (aprox.) DAQ processing board (\$400 approx.)

Purpose: Our project is the development and building of cosmic ray scintillator detectors to be used in the physics classroom. The objective is to aid in teaching aspects of particle physics and its relation to astronomy. Issues in data collection, data processing and interpretation will be emphasized with students from this. COSMOS has already provided one of the DAQ cards for use in with the COSMOS students this summer. This along with electronics and special scintillation materials we have obtained from other institutions (Lawrence Berkeley National Lab, Stanford Linear Accelerator Center) have given us enough for one complete cosmic ray lab set up and most of a second. Our request for a laptop computer and data acquisition board is to complete a second lab set up for use at both our schools and their science departments.
Thank you for your consideration

Stuart Briber

Steve Kliever