

Brief Summary of Cosmic Ray Studies at University of Birmingham

Quarknet (3 sets of cosmic ray telescopes)

The telescope offers a great opportunity to conduct cosmic rays experiments in the classroom. Its effectiveness is demonstrated by the fact that several schools repeatedly take it for 2-3 weeks to conduct experiments every year. We estimate an average on 10 periods of a year in which at least one set is out in schools. The Institute of Physics also has borrowed the telescopes several times for teacher training events. The three sets are also successfully used in the University of Birmingham Physics Summer School activities.

HiSPARC

The HiSPARC project is in continuous expansion.

Several new schools have joined, in Bristol, Bath and Birmingham this year.

The project has become part of the Institute for Research in Schools, thanks to an STFC grant.

The Institute of Physics will install one detector on the roof of their new building in King's Cross, London.