



UC QuarkNet Annual Report Information 2019

It was a busy year for the QuarkNet group at the University of Cincinnati. One teacher and 16 physics students participated in International Cosmic day organized by DESY.

The three day summer workshop was held at Summit Country day school. Five teachers from the Cincinnati area included one from private catholic schools and four from suburban school. Teachers worked on a variety of activities including QuarkBench, Rolling with Rutherford, Round the bend, ZMass, Participation in Neutrino Masterclass with teachers in Idaho, and experiments with two cosmic ray detectors. This included flux with distance between the counters and flux with direction of muon travel.

On March 8th, 16 physics students and one teacher participated in the LHCb Masterclass with Florence, Barcelona Univ., Prague CTU, and Birmingham.

Two Quarknet teachers joined others around the world in sharing their flux data in the seventh annual International Muon week. One teacher performed the Time of flight study and another performed flux.