

QuarkNet@UNM Annual Report for the period 1 October 2020 - 30 September 2021

Submitted by Sally Seidel, 28 September 2021

The University of New Mexico QuarkNet center sponsored a workshop for STEM teachers on September 18 and 19, 2021. The workshop was held at the Explora Science Museum in downtown Albuquerque. The workshop benefited from the contribution by Explora of its facilities and of the time and expertise of its educational facilitator, Mr. Kevin Dilley. The program included hands-on activities concerning particle measurement guided by Shane Wood, an introduction to the LHC, a behind-the-scenes tour of the museum and its techniques and philosophy for communicating about science to a broad audience, and a lecture by Sally Seidel about particle physics. Teachers who attended this event represented schools in towns throughout the state of New Mexico (Ft. Wingate, Laguna-Acoma, Roswell, Farmington) as well as from Durango, Colorado, and schools in Albuquerque. Also in attendance was Mr. Steve Carr, Manager of the UNM Communications Office; Mr. Carr wrote an article about the event which he circulated to New Mexico media. The figure below was taken by one of the participants and shows some of the teachers examining tracks in cloud chambers.

