

University of Washington QuarkNet Center Annual Report 2018

Mentor: Prof. Shih-Chieh Hsu Co-mentor: Dr. Michael Park (lecture in UW Bothell)

We organized two successful activities in 2018. The 1-day masterclass in March, 3-day CMS e-Lab workshop.

CMS Masterclass (March 10 2018)

There are 18 students and 2 teachers from Interlake (12 led by Michael P O'Byrne), Meadowdale (6 led by Jim Landon). We arranged a CENPA tour before the workshop. Both teachers conducted activities in the school before the masterclass. Students were better prepared and we had amazing progress on analyzing most of the data. Higher statistics indeed showed a better signal peaks for discussions.

ATLAS e-Lab (Aug 17-19 2018)

<https://quarknet.org/content/2018-atlas-data-workshop-u-washington>

Shane Wood and Rose Emanul led activities for 3 teachers: Tedd Scott (Eastside Preparatory School), Tseveldorj Oyuntugs (Stadium) and Derek Johnson. Tedd and Derek joined the workshop for the first time. Oyuntugs is a returning teacher this year. Karl Englert (Nathan Hale). attended FNAL summer teacher workshop. He joined the workshop and shared his experiences. It's the first time we arrange had a great fun with inspiring reflection session.



March CMS Masterclass 2018



August ATLAS Workshop