Advisory Board Recommendations 14 Nov 2020

- Make a plan for the long-term future and sustainability of QuarkNet
  - Is there a clear future leadership team? This should be determined in enough advance as possible to have substantial overlap and a training period
  - What does the team want the cosmic ray detectors to look like in a decade? What can be supported? This should be the input to whether to invest in cheaper technologies
  - Consider longer-term plans for funding. It would be great to rely on NSF funds indefinitely, but the team should consider approaching other experiments (DUNE, LBNF and perhaps LIGO and FNAL muon expts) for funds just like has been done ATLAS and CMS
- Invest in the new Snowmass process
  - This was not documented, but QuarkNet can provide important input
- The Data camp and coding programs should investigate external resources and help
  - These programs are superb, but there is no reason to reinvent the wheel
- Data portfolio - investigate from Drupal logs to see which pages seem to be used the most as a way to direct future efforts
- Diversity and Inclusion
  - Continue to search for partners of the Native population near Black Hills
  - Consider engaging with parents in local schools, perhaps via Parent-Teacher/School-Parent associations
  - Suggest preparing a list of all the schools that have participated in QuarkNet. This can be cross-referenced with demographic data for each school to allow for a rough study on demographics touched by QuarkNet
- Advisory Board
  - The board appreciated having the slides in advance. While we hope to be able to see the presentations in person in the future, having the slides posted somewhere for viewing in advance in the future would be very useful
  - Look into increasing diversity of the advisory board itself
  - Consider whether the Advisory Board should have a designated chair to ensure clear lines of responsibility.
- COVID response
  - The Advisory Board applauds the quick and impressive redirection to support teachers during the pandemic, and suggests seriously considering which of these new programs and tools should be continued even after the pandemic ends