Anna Khalid

Benedictine University

Fermi National Accelerator Laboratory

VFP Peer Review

In this peer review, I will be evaluating Meng-Wei (Vivian) Chen's poster titled, "Classification Algorithm for Dark Matter Search using Skipper-CCD." Ms.Chen presented herself well and spoke clearly as she walked through the project she worked on this summer that was presented on her poster. She did a great job including images representative of her work and figures related to the context of her findings.

However, improvements can be made in the layout of her poster as the images seem to get slightly crowded with the figure captions, creating difficulty in legibility. Another improvement I would recommend to Ms.Chen is to provide a better flow within her poster sections. The introduction of the poster as well as a few other sections are bullet pointed, although bullet points are used well to make clear simple points and her verbal presentation was coherent, the bullet-pointed introduction failed to provide a comprehensive overview of her project's scope and objectives.

Ms.Chen's poster did well by having a large image of the Skipper-CCD readout in the beginning and two other figures displaying the simulated muons in CCD and then the simulated electrons. This use of graphics really helped me understand the analysis, search and classification goals of her project. A notable highlight of Ms. Chen's poster design is the inclusion of a speech bubble above the Skipper-CCD readout asking "Can you count how many electrons are there?" This addition brings in attention and exemplifies the challenges in the scope of her overall project as it sparks curiosity for readers passing by. Overall, Ms.Chen did a great job presenting her project on a poster, incorporating images and figures to enhance its value and showcase a well-rounded comprehension.