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Peer Review of Poster Presentation

I attended Trino Jaime's poster presentation; The poster presentation for "Sensor Testing for DarKNESS" was well done; it had a clear objective and was very informative on what the task of the project was. The goal of the intern was to build a test station that would function with a controller that he worked on. The controller itself was a big piece of the project as he had to implement a mathematical formula based on a theory that he researched, which in this case was a Proportional, Integral and Derivative (PID) control loop. There was a bit of slight confusion on one of the formulas he had so his explanation on one of the theories could have been a bit better. The presenter could have also explained a bit more on the final lab test station because there were some components he forgot to cover. Nevertheless he seems to understand the mathematical formula, how the controller implements it and how the whole lab test station he put together is tied into one big functioning piece.

The organization of his poster was easy to follow, he had it in a layout that is easily understandable, it first explains what the mission itself is and why it is important, then the goal and theory behind the piece he worked on was explained. Finally the performance and results with his working piece was presented. So all in all it had a good format. Something that was also very interesting was that he covered any problems he had run into when working on the controller/lab test station and what approach he took to fix it. The introduction started with a good attention grabber where he talked about a cubeSat (satellite) which he explained to be the size of a shoebox. The conclusion was clear and he covered improvements that could be made to the controller and any components that still need to be tested. However one improvement that could have been made was tightening up the text so the poster would look a bit neater and cleaner on the sides.

There was a good balance between text and visual aid, the images were a good size enough to where they were visible to see and not too big to where the text was ignored. Most of the text on the board was from what he had worked on which is great for a poster presentation since most of the explanation came from him. One of the images from the results, specifically the one detailing a Jupyter script that identified particles was a great use of visual source, he had another image that showed a zoomed in particle that would have been hard to see. He knew how to explain each image and what the purpose of it was so no information was left out. There were no unnecessary images that were on the board and they all had a purpose.

The presentation in its entirety was easy to understand. There were a few parts in which he could have used some improvement on but he knew his project and it showed the way he went through the poster. He was able to answer questions asked but admitted if the questions were outside his scope of understanding.