

Peer Review

Reviewer: Maxwell Lee

Reviewee: Megan Spletstoesser

Megan presented a very well thought out and informative presentation on Fermi Bubbles in the Milky Way. She began with an introduction to the concept of Fermi Bubbles, the gamma ray sky, and other relevant general items. She then went into the specifics of her project, which centered on solving the diffusion equation for Fermi Bubbles. It was very informative as I did not even know that Fermi Bubbles existed in the gamma ray sky. The presentation was well organized as she took us through a nice introduction and then focused in on her project. At the beginning of the talk, she spent a lot of time turned towards the screen, which was slightly distracting but she stopped after about 2 minutes. She could have spent some more time discussing what a Fermi Bubble was, as it was not entirely obvious from her presentation what exactly we were looking at. As she moved onto her actual project, the focus was clear and she took us through it step by step. It was a hard project to present because most of the project was focused on math, which most of the general audience had a hard time understanding. But I thought that she did an exceptional job making it understandable to the audience. She explained her variables well, and generalized them so that we could understand. She also explained what each variable represented, and went through a short blurb on how she solved the equation. The visual aides were well done as she even color coded her variables and what they corresponded to. It made a very confusing topic easier to understand. She was in control for the entire presentation, although she did not move much from the podium. Her eye contact was good almost throughout and she engaged the audience in her talk.