

I attended Benjamin Luke's presentation on his project titled "Electron beam echoes in the IOTA ring". My understanding of the project was that he was trying to find the optimum method to provide kicks to the electron beam in the IOTA ring. He started by motivating why we would do this to begin with which provided context and clarity to an otherwise unclear procedure. He then proceeded to explain the theoretical background behind beam echoes. At a time, $t=0$, a dipole "kick" is applied and then at some time $t=\tau$ a quadrupole "kick" is applied. These kicks are applied by the respective dipole and quadrupole magnets within the IOTA ring. He was able to make these points clear throughout the presentation. Overall, the information contained on the poster stands on its own and was clearly readable.

The visuals used, such as showing a diagram of the IOTA ring, provided a good background for a non-expert audience. Additionally, most of the plots were self-explanatory with appropriate captions. To describe a sequences of quadrupole kicks, he provided a pictorial representation that, to me, looks like piano keys with each key having a label that can represent a kick or no-kick. These visual aids made a complex sequence of events much clearer. There was a clear conclusion that succinctly summarized his project and left the audience with a clear outline for future work. Furthermore, he took questions during the presentation and after the presentation. He answered questions in a very clear manner. One of the presentations of all time.