

Particle Physics Techniques in Cold Antimatter Studies

Makoto C. Fujiwara¹ for ALPHA Collaboration

¹*TRIUMF Canadian National Laboratory for Particle and Nuclear Physics
4004 Wesbrook Mall, Vancouver, BC, V6T 2A3 Canada*

Antimatter studies often involve detection of high energy radiation from the annihilations. Techniques developed for particle physics experiments can be applied in order to detect, characterize and diagnose antimatter processes. In this talk, we will discuss some of these techniques, with particular emphasis on the detection system in the ALPHA experiment at CERN.