

A decorative border at the top of the slide features a series of particle tracks. These tracks are composed of interconnected nodes, represented by small circles in blue, orange, and white, with thin lines connecting them to form a complex, branching network.

Department of Physics Colloquium

Wednesday, April 23rd at 4:00 p.m. / SH 121

Pre-Colloquium at 3:30 p.m. / SH 108

Triggers, Protons, and Gaps (Oh My)

Speaker: Dr. Andrew Brandt

Professor Brandt presents some high (and a few low) lights of a unique 40-year journey of discovery in particle physics.

This non-technical colloquium includes the discovery of hard diffraction, rapidity gaps, and other phenomena that were not previously included in "inclusive" Monte Carlo programs, as well as some discussion of the triggering or event selection and detector development that made these discoveries possible.

