

# Michigan Math Club

Thursday at 4pm in the Nesbitt Room

Free Pizza and Pop

## Fulton-MacPherson's Compactification

Or: how blowing things up prevents collisions

Felix Janda

Abstract for 1 February

Consider  $n$  distinct points moving on a sphere. When naively trying to take limits of such point configurations, several points may collide. In this talk, I will discuss the Fulton--MacPherson compactification (and similar spaces), and explain how it keeps the points apart even when we try to take the limit.

