

# INTRODUCTION

- In undergrad, worked on CMS ECAL upgrade testing
- Now working on smartpixels, which implements machine learning on chip for on-pixel detector data compression
- Testing a prototype smartpixel ASIC implementing a momentum classifier with Mira L, Eric Y, Karri
- Developing machine learning algorithms to classify BIB vs. Signal on-detector at a Muon Collider with Eric Y, Ryan M, Ryan R, Eliza H, Karri

