## **TRACKML** Adriano Di Florio, Adrian Pol, Cesare Calabria, Valentin Volkl

- ► First submission to the TrackML challenge
  - 3% score with a simple KNN running on all the hits available in the sample
- Interface TrackML with TrickTrack
  - ► Working on the barrel first, extending to the OT
  - ► We have layer graph now
  - Trying to improve with some geometric filters (phi cut on the doublets)
- Cleaning the data and building a ML model (RNN) to predict the fifth hit on the next layer starting from the quadruplets
  - ► Working on the barrel first
- NEXT: Apply the model on the CA output build the final track candidate

