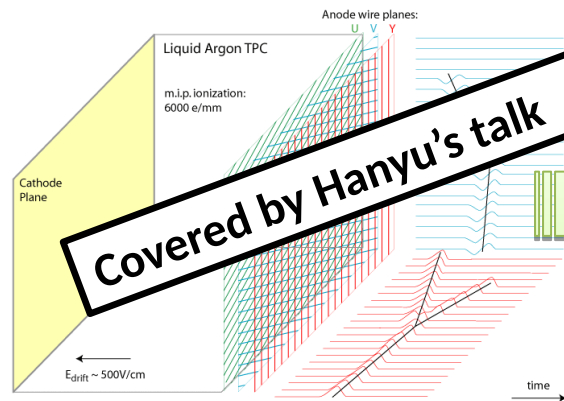


Overview of Wire-Cell Reconstruction

LArTPC Signal Formation



Covered by Hanyu's talk

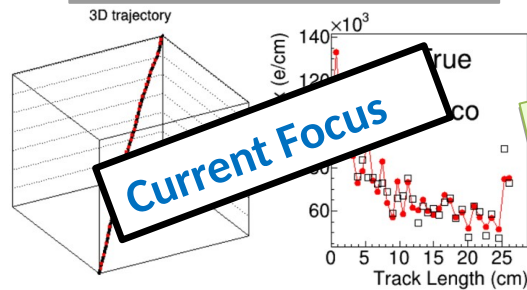
Noise filtering and Signal Processing

deconvolving

Covered by Michael, Brian, Wenqiang, and Hanyu's talks

slicing

Trajectory and dQ/dx fitting for PID



Current Focus

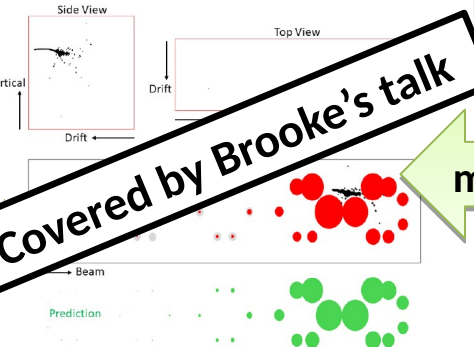
3D pattern recognition

fitting

recognizing

Early development exists, need to revisit

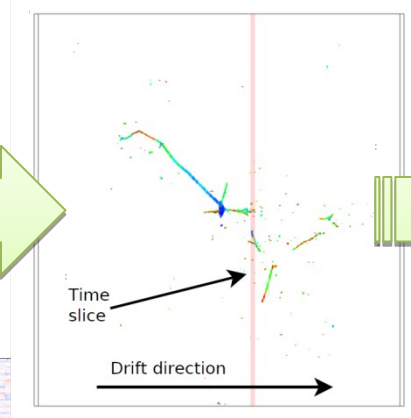
TPC/Light Matching



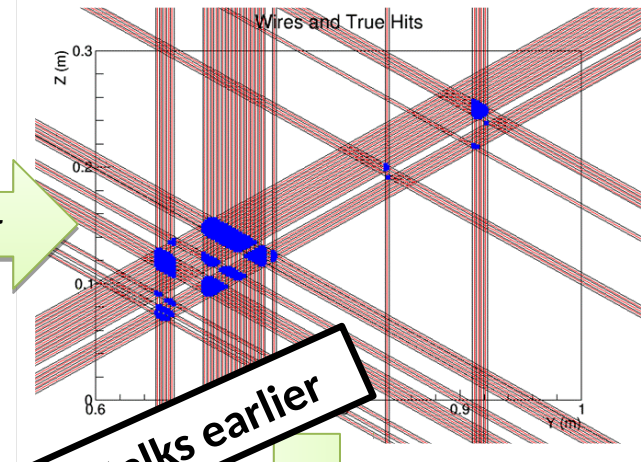
Covered by Brooke's talk

MicroBooNE neutrino selection paper under preparation

3D Imaging



tiling

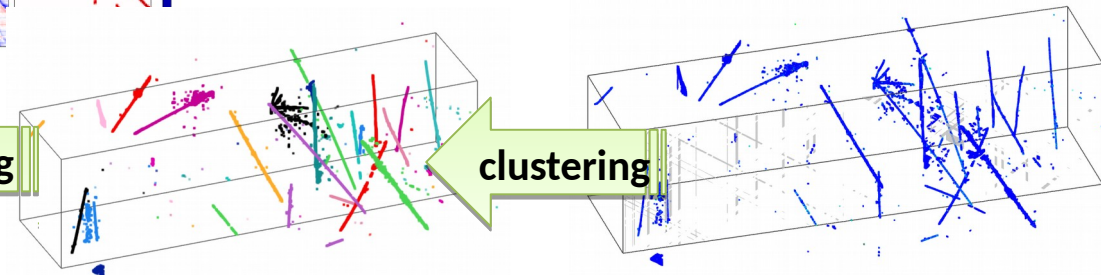


Introduced by many talks earlier

solving

matching

clustering



[JINST 13, P05032](#)

MicroBooNE imaging paper under preparation