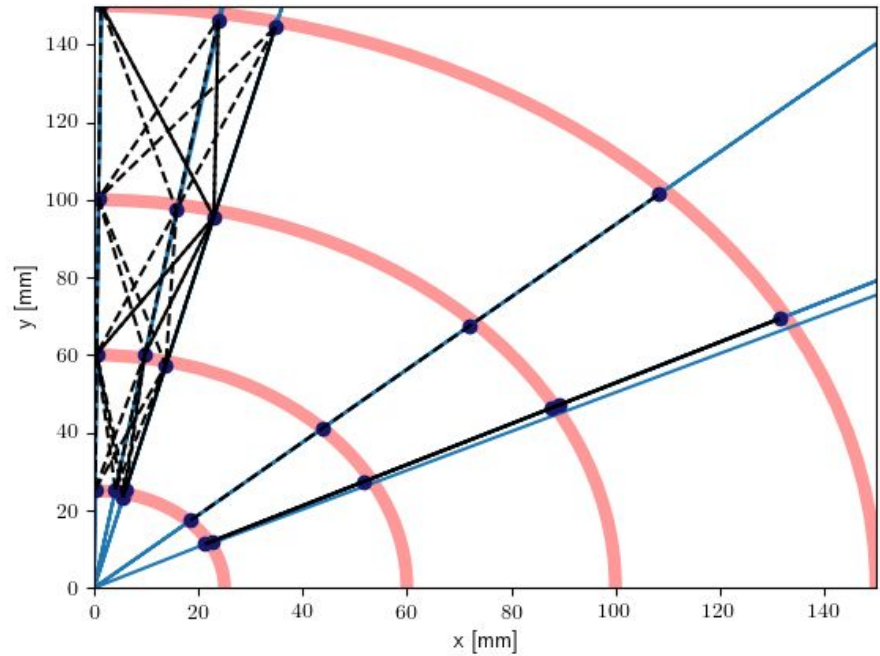


FCCSW TrickTrack update

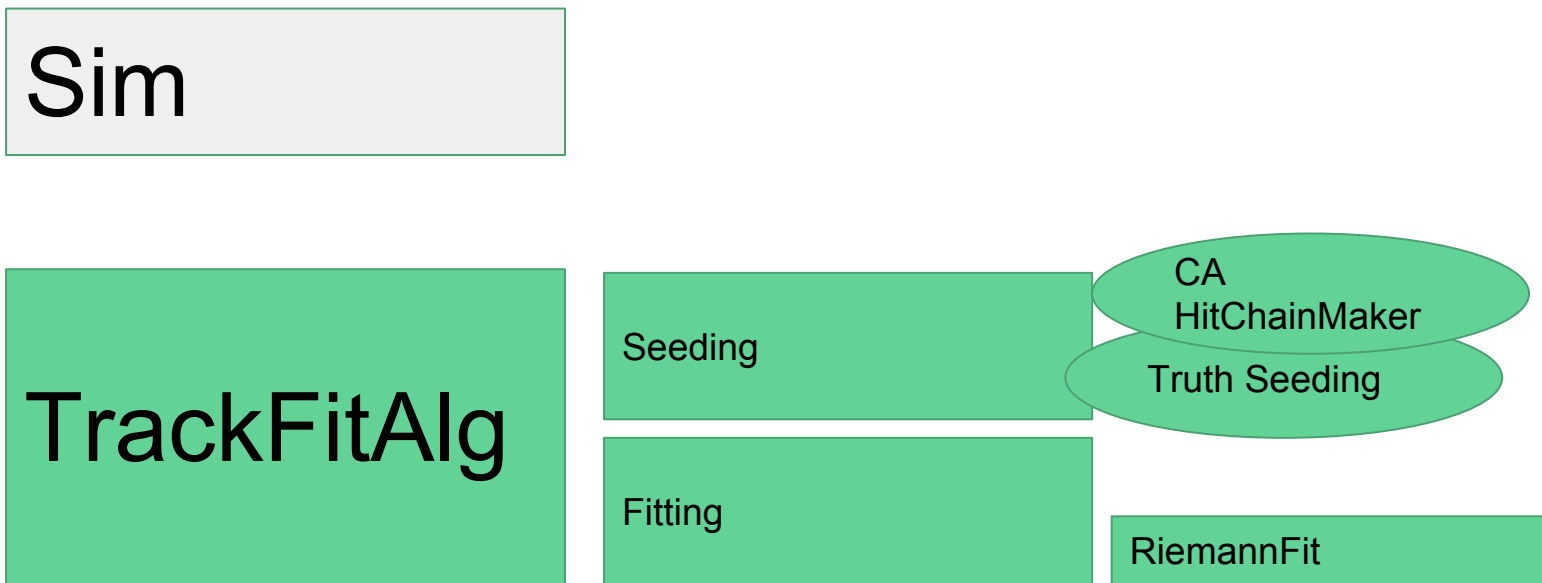
FCC software meeting

Feb 21, 2018
Valentin Volkl
EP-SFT - CERN

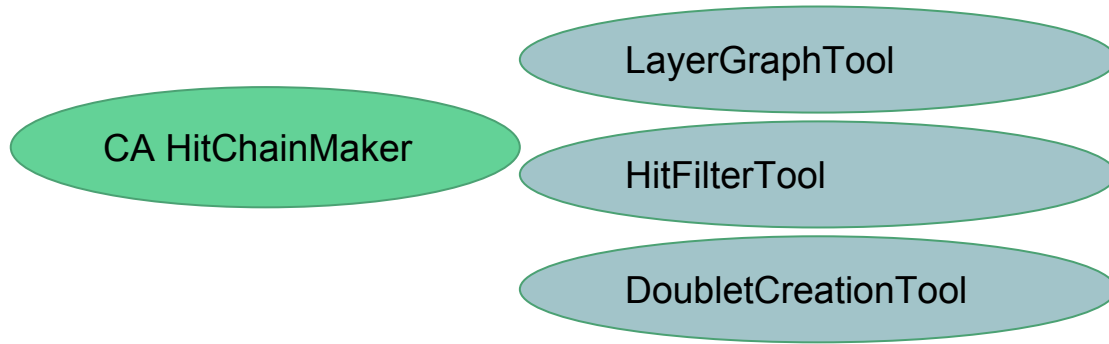
Tracks!



TrickTrack integration PR



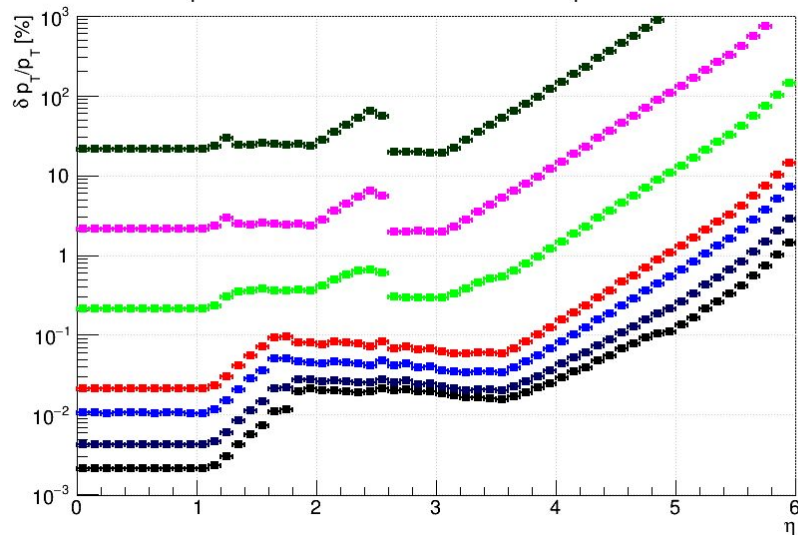
Tool structure



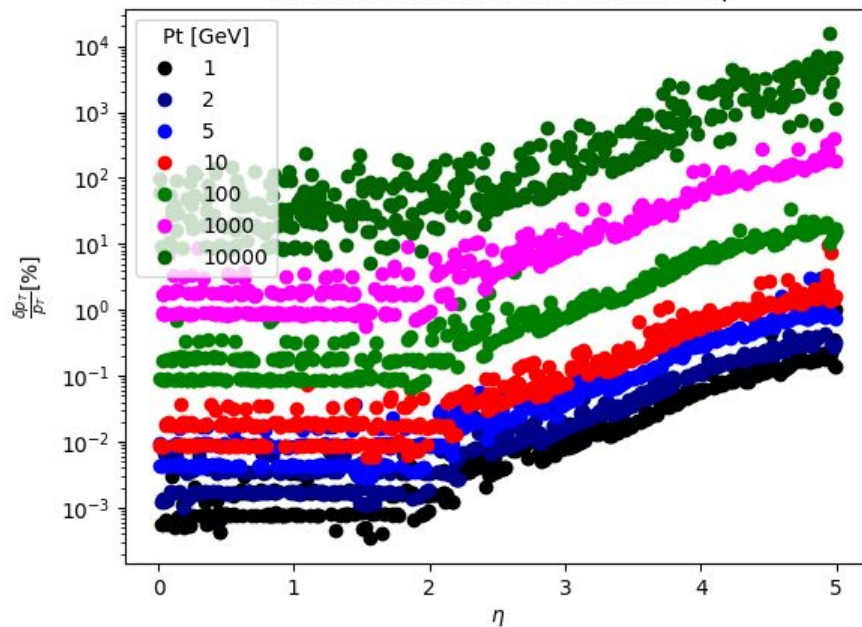
Output: Multimap (TrackID -> HitIndex)

Preliminary: Single particle resolution

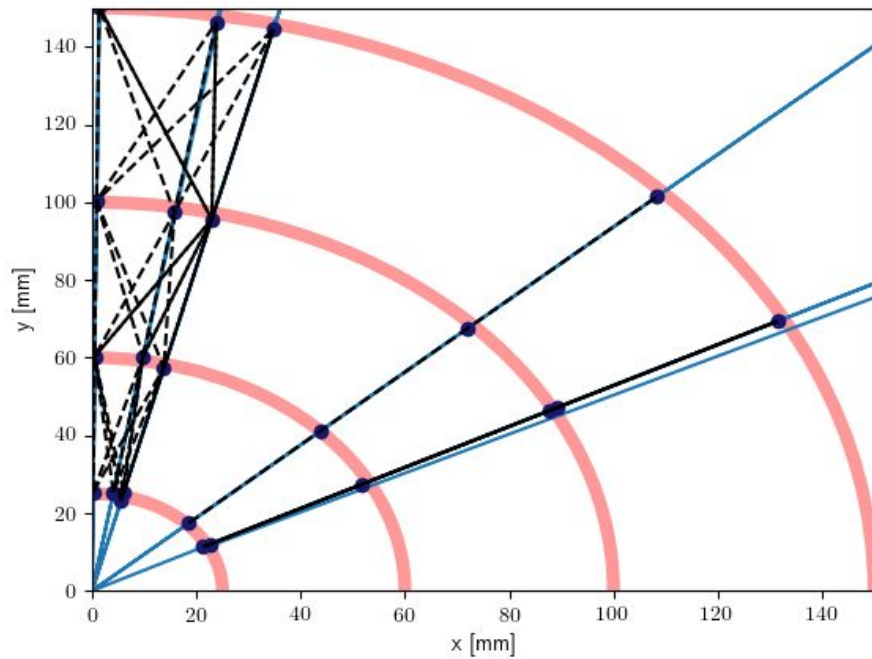
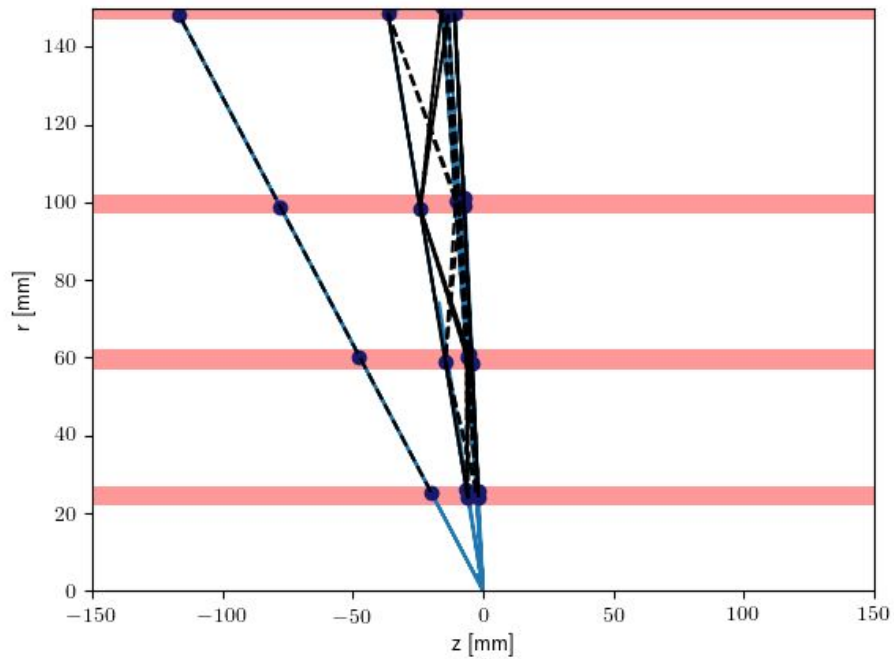
p_T resolution versus η - const p_T across η



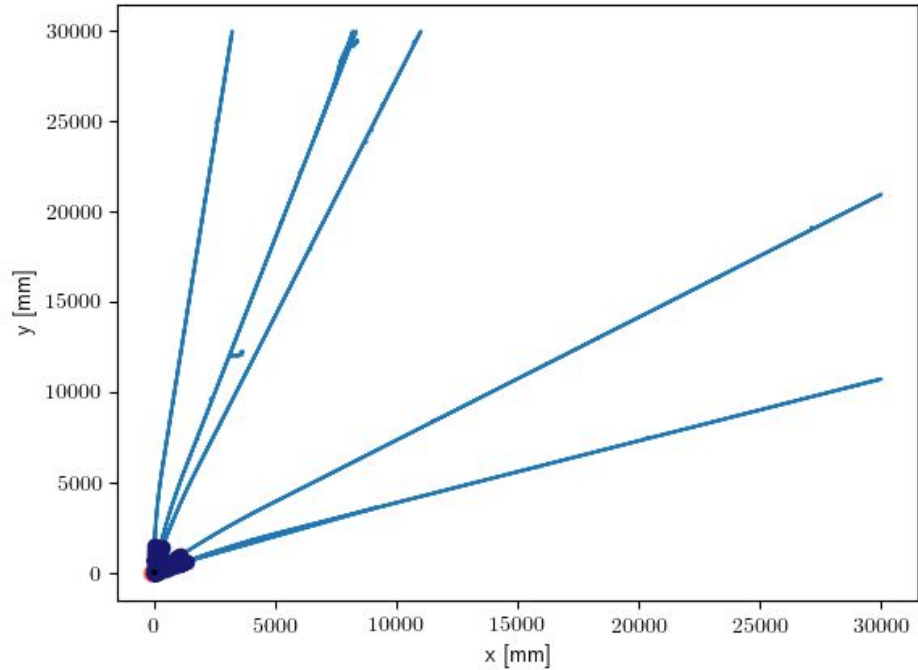
Track resolution for const Pt across η



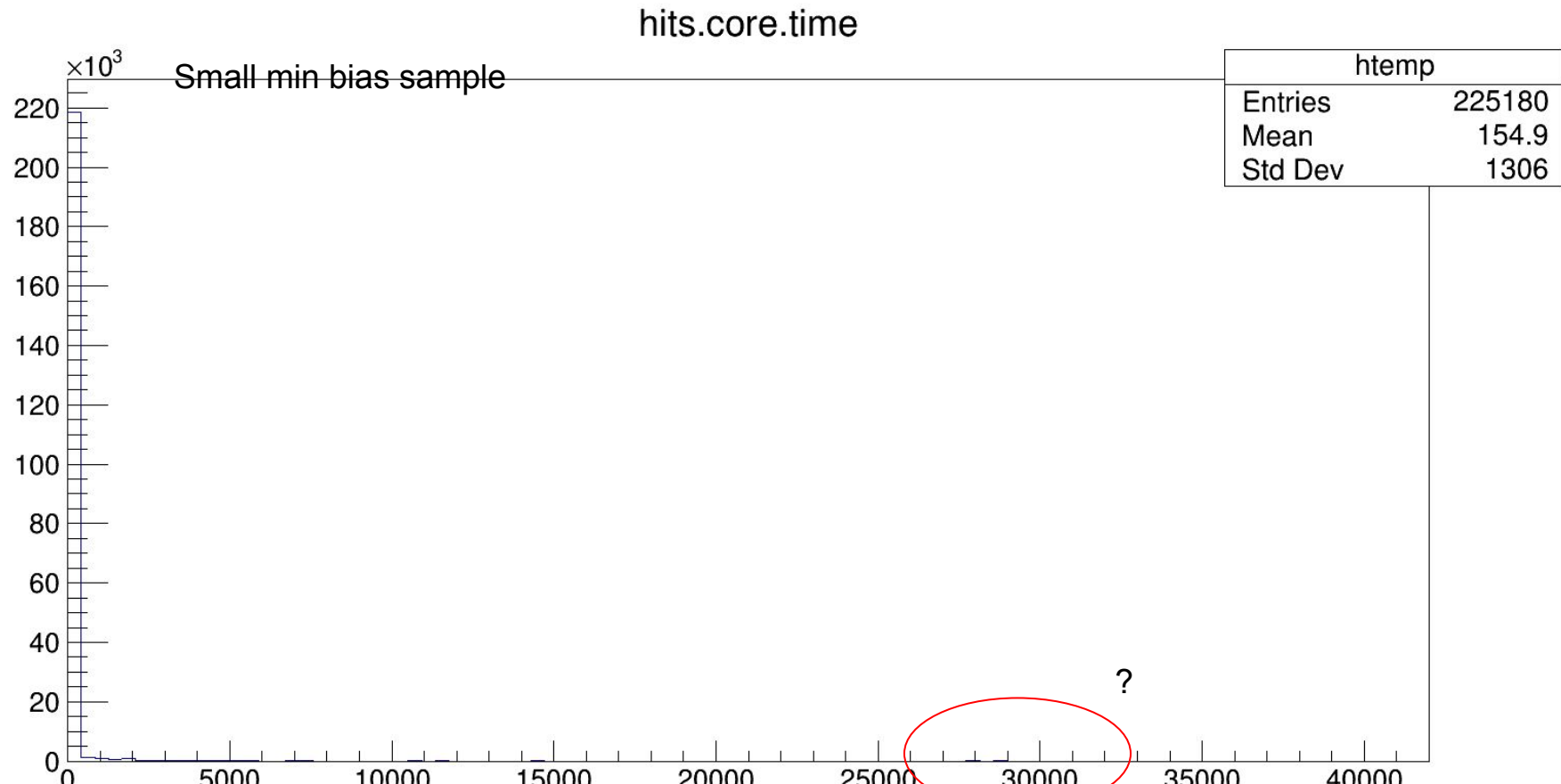
CA Seeding



Qs on Full Sim



Qs on Full Sim



$\sqrt{\text{pow}(\text{positionedHits.position.x},2) + \text{pow}(\text{positionedHits.position.y},2)}:\text{positionedHits.core.time} \{\text{positionedHits.core.time} < 100\}$

