

Acts implementation in sPHENIX

Joe Osborn, Tony Frawley, Peter Steinberg
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Acts implementation

Incorporate Acts final track fit into sPHENIX framework
Most of our time understanding Acts way of doing things

Start with proto tracks from seeding + propagation, clusters
Created Fun4All module PHActsTrackFitter (PHTrackingFitting base)

- just a test-bed at present
- gets TrkrClusters and SvtxTracks
- will convert to Acts measurements, Acts proto tracks
- then call Acts fitter

Ongoing:

Acts measurement needs pointer to detector element geometry
Working on getting that, so we can make Acts measurements

Next:

Figure out how to access Acts fitter from Fun4All