

GPU PixelTracks

A. Bocci, M. Kortelainen, V. Innocente,
F. Pantaleo, M. Rovere,

Problems solved

Felice: CA is now HeterogeneousEDProducer

Marco & Andrea: Eigen warning suppression was causing problems, fixed

Matti: RAW2DIGI HeterogeneousEDProducer works...

Vincenzo: Moving to implement the Cluster to TP associator on GPU

Problems to be solved

Andrea: warning suppression implies code suppression

Felice: Validate CA

Marco: validation of the produced results

Matti: ... but now Clustering will have to be HeterogeneousEDProducerized, and the CPU clusterizer will now become part of a bigger CPU Raw to Clusters

The result of Raw To Cluster will have to become Heterogeneous Product

Remove explicit synchronizations from Raw to clusters kernel

Vincenzo: Moving to implement the Cluster to TP associator on GPU