## **Reco Status** | Tracking

- **Overall Status** 
  - Basic workflow in place
  - What's in place?
    - tracking finding/fitting with space points
    - realistic seeding and ambiguity resolution
  - What's missing?
    - Charge sharing and hits clusterization
    - Timing info

## Workflow Inputs/Outputs:

**Input:** \*RecHits from silicon tracker, MPGD, TOF, BO



Seed finder Can find multiple triplets from one track **CKF** allow track candidates split in track finding from one initial guess ⇒ use ambiguity solver to filter duplicates

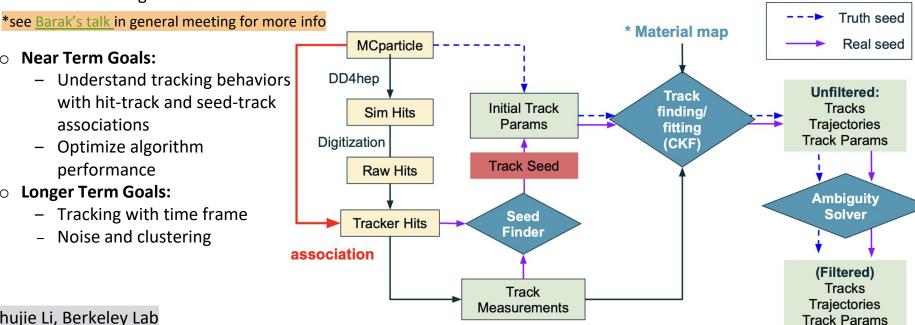
Red: work in progress

## **Near Term Goals:**

- Understand tracking behaviors with hit-track and seed-track associations
- Optimize algorithm performance

## **Longer Term Goals:**

- Tracking with time frame
- Noise and clustering



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