

PF Status



- **Current Status:** work paused for a while, now resuming
 - Pause due to professional transitions, conferences, etc.
- **Immediate task:** Complete PFA0 ([EICrecon#1699](#))
 - Track-Protocluster Links now implemented ([EDM4eic#108](#))
 - Began integrating into merge/splitter, but Link Collections seemingly don't play nicely with Omnifactories...
 - Discussed with Nathan last week (now investigating), and will circle back this week
 - ☞ **Thought:** with [EICrecon#13906](#) merged, could wire in output of track-cluster matcher...
- **Next Steps:** after PFA0...
 - Implement "promotion" algorithm to convert Track-Protocluster Links to Track-Cluster Matches
 - ☞ **Related but not critical:** upgrade Track-Cluster Matches from *associations* to *links*
 - Revive and finish PFA1 (track-cluster subtraction, [EICrecon#1627](#))
 - PFA2 (calo remnant combiner) on hold until PFA1 is merged
- Will restart semi-regular PF "SubWG" meetings after EIC UGM
 - ☞ **Look for emails & time polls this week**

Backup | Critical Path Items



Items on Critical Path	Status
PFA0: Update Merge/Splitter	In progress
Track-ProtoCluster Links	PR merged
Track-Proto-to-Cluster Promoter	To-Do
PFA1(a): Track-Cluster Subtractor	PR ready
Charged/Neutral Candidates	Draft PR open
PFA1(b): Charged Candidate Regressor	To-Do
PFA2: Remnant Combiner	To-Do
PFA3: Particle Converter	To-Do
Items Not on Critical Path	Status
Track-Cluster Matcher	PR merged

○ Developments since Frascati CM:

- 1) [\[02.06.2025\]](#) PFA0 PR opened and under review
- 2) [\[02.23.205\]](#) PFA1(a) PR ready to open after PFA0 merged
- 3) [\[02.27.2025\]](#) Held 1st [PF SubWG meeting](#)
- 4) [\[03.11.2025\]](#) Draft PR for candidate types open
- 5) [\[03.28.2025\]](#) Initial track-cluster matcher merged
- 6) [\[05.06.2025\]](#) Track-Protocluster link merged
- 7) [\[07.06.2025\]](#) Multi-calor track-cluster matcher merged