

PF Status



- **Last update:**
 - [08.05 PF technical discussion](#)
 - Biweekly discussion series, alternates with Jet/HF PWG meetings
 - **Next discussion:** 08.19.2025 at 11:30 AM ET
- **Notable updates:**
 - [JANA2 2.4.3](#) release resolves issue with link collections
 - ☞ Cf. [JANA2#462](#): link collections' templating exposed unused, erroneous JFactorPodioT::Insert method
 - Path to completing PFA0 is now clear!

Immediate tasks

- **[Tristan] PFA-1:** [ElCrecon#1956](#)
 - Replace MatchClusters algorithm with equivalent using reco track-cluster matches
- **[Derek] Completing PFA0(a):** [ElCrecon#1699](#)
 - Confirm link bugfix works
 - Wire in output of track-cluster matcher, remove duplicated code
- **PFA0(b):**
 - Implement "promotion" algorithm to convert track-protocluster links to track-cluster matches
- **[Derek] PFA1(a):** [ElCrecon#1627](#)
 - Revive and finish track-cluster subtractor

PF Status | Task List (WIP)



Tasks	Issue/PR	Est. labor time*	Assignee
PFA-1: deprecate MatchClusters, replace w/ pure reco equivalent	ElCrecon#1956		Tristan
PFA0(a): complete merge/splitter update	ElCrecon#1699		Derek
PFA0(b): implement track-protocluster link promotion algorithm			
PFA1(a): revive and finish track-cluster subtractor	ElCrecon#1627		Derek
PFA1(b): track-cluster converter (synergy w/ PFA-1)			
EDM: flagging ecal vs. hcal clusters	EDM4eic#104		
PFA2: implement calo remnant combiner			
PFA3: implement particle regressor/convertor			
TODO: add benchmarking tasks			