

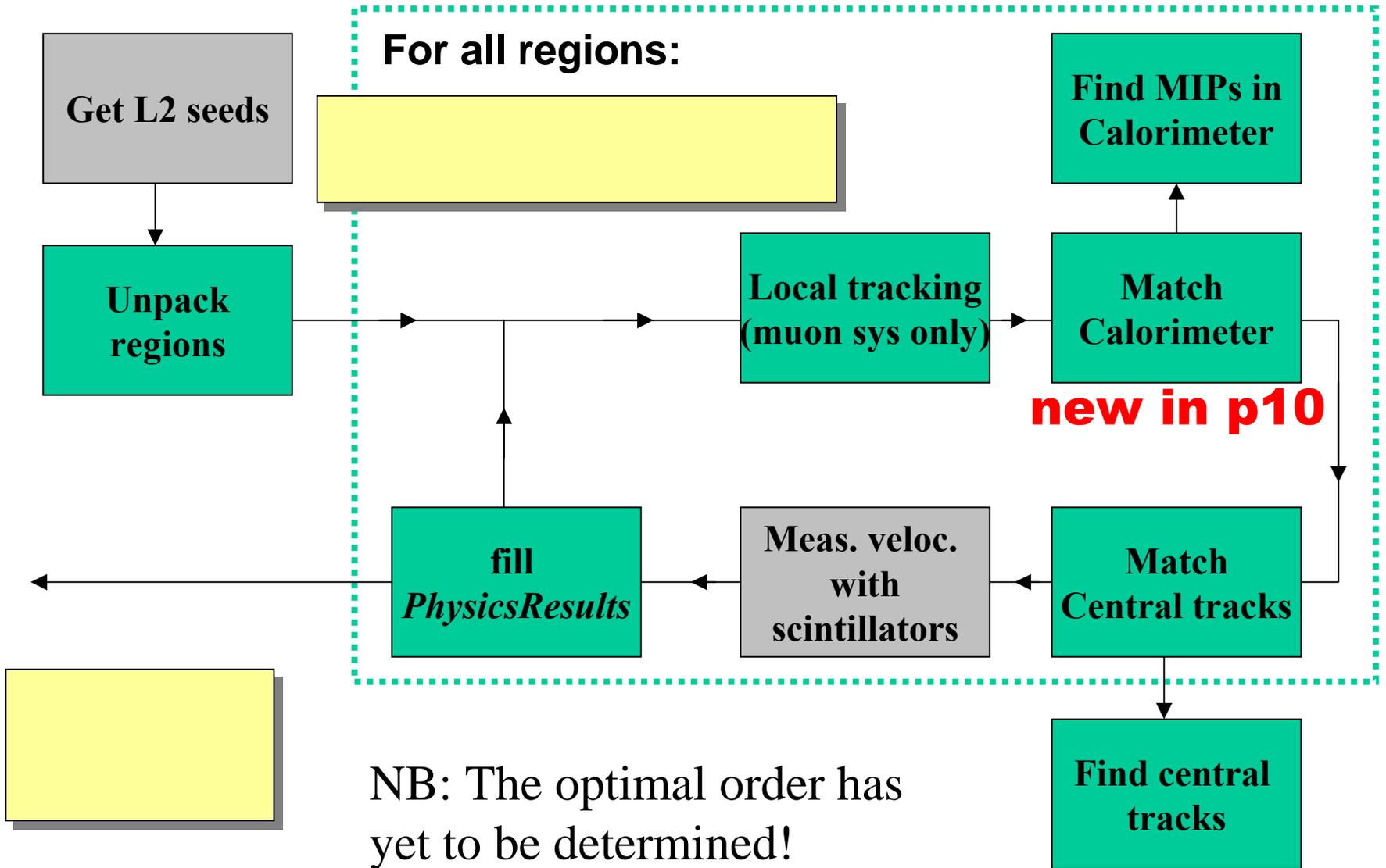
L3 Muon Progress Report

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L3 Filter Meeting

L3 Muon Flowchart



TOOI status

August 29, 2017

Tool status and to-do 2/3

- Central track matching
 - needs performance studies (PB)
- Calorimeter matching
 - new in p10, “works”
 - needs performance studies (MWG)
- Scintillator tool
 - no code exists
 - Steve Doulas interested - talk to him next week

Tool status and to-do 3/3

- Global Muon Tool
 - calls local tracking and central track matching
 - calorimeter to be added
 - needs work in filling PhysicsResults
- Scintillator-road tool (Viktor Koreshev)
 - fast tracking by finding scintillator roads
 - example use: as seed tool?
 - code exists, debugging ongoing (I think)

Conclusion

- Existing tools: Unpacking, local, central track matching, cal-matching, global
 - need some performance studies
 - this may reveal bugs, but otherwise no known bugs within L3 code
- Not-yet-released tools: Scintillator, Scintroad
 - work is about to start/ongoing