

TOVA HOLMES, U. OF TENNESSEE



What are our highest priority targets?

- Much discussion on clarifying the neutrino case
 - \bigcirc
 - \bigcirc oscillation)
- How do we raise the profile of MuC in Europe?
 - Could involve more communities, e.g. flavor

Primary target is non-oscillation folks, since our ultimate beams are less useful for this Also need to think more about the broad case with demonstrators, staging (possibly including)





What are our bottlenecks?

- We need at least annual tutorials with updated documentation
- Beyond the basics in the tutorial, a main limitation is scaling • Need more experts who can run full-scale, and also better examples for analyzing at scale
- We could use shared gen-level samples
 - Consistent gen-level filters for benchmarking \bigcirc
 - Backgrounds including Whizard \bigcirc
- Delphes cards are often insufficient in the face of BIB-driven limitations
 - Can we use pileup overlay functionality to make an attempt at Delphes fakes? \bigcirc
 - Are we better off creating something more like reinterpretation materials? \bigcirc
 - Let's make no-BIB parameterization, as well as optimistic and pessimistic BIB parameterization



How should we be organizing work?

- We have many interested new people and have a hard time placing them
 - Can we support more entry-level work? Do we have enough low-level meetings for discussion of \bigcirc weekly work? Is this possible?
 - How do we onboard PIs instead of onboarding just students?







How do we communicate?

- Focus on in-community recruitment:
 - Need to increase colloquia including to "less muC-friendly institutions" \bigcirc
 - Tack on muon collider talks and tutorials to other training events (e.g. CMS DAS)
 - Recruit people who have funding
 - e.g. US LHC folks who can spend partial base grant time on future colliders
 - (other examples like this?)



