

# Session 1 Panel Discussion

## ▶ Panelists

- Brian Batell (Pittsburgh)
- Enrique Fernández-Martínez (UA Madrid)
- Will Foreman (IIT)
- Lisa Koerner (Houston)
- Pedro Machado (Fermilab)
- Mike Mooney (Colorado State)
- Elizabeth Worcester (Brookhaven)

## ▶ Questions for Discussion:

- 1) Can we realistically state that the absence of MeV-scale reconstruction capabilities in GeV neutrino events limits our oscillation measurement capabilities? In what ways can this be clearly stated?
- 2) What BSM signatures are not accessible without MeV-scale reconstruction capabilities? What GeV-scale BSM searches require MeV-scale reconstruction capabilities?
- 3) What potential improvements may extend the low-energy physics accessibility, starting with low-hanging fruits, and what other signatures (MeV or GeV-scale) could we explore with these improvements?
- 4) What are the primary backgrounds to these other signatures and what would be the mitigation strategies?