

1. Work Package 1: Physics
 - (a) Impact on oscillation measurements
 - (b) Generator studies and improvements
 - (c) Impact of high angle and phase space
 - (d) A scaling
 - (e) Backgrounds, especially π^0 and neutrons
2. Work Package 2: Simulation
 - (a) Existing Geneva simulation for LBNO provided
 - (b) Sideways TPC
 - (c) Backgrounds
3. Work Package 3: Beams
 - (a) Collect information for existing beams about
 - i. Flux
 - ii. Energy
 - iii. Uncertainties
 - iv. Point of contact
 - (b) Off-axis effect
 - (c) ν STORM liaison
4. Work Package 4: HPTPC Design
 - (a) Gases & Amplification
 - i. Which gases can be used? What pressures?
 - ii. What is the matching between gases and readout technology?
 - (b) Vessel
 - i. Size
 - ii. Integrity
 - iii. Feed throughs
 - (c) Electronics
 - i. Can T2K electronics be reused?
 - ii. How many channels are needed?
 - (d) Surrounding Detectors
 - i. ECal

- ii. Triggering detector
 - iii. neutrons
 - (e) Magnet
 - (f) Field Cage
- 5. Work Package 5: R&D and Test Beam
 - (a) What inputs come from WP 1–4 that go into building a prototype?
 - (b) What beam, size, technologies, physics output?
- 6. Work Package 6: Investigating engineering of reusing T2K TPCs sidewise