

To Do List

- ◆ **SIDIS ECAL trigger responses (forward and large angle) and J/ψ ECAL trigger responses**
 1. ECAL background trigger rates at sector level
 2. Trigger efficiency curves for e and π^-
 3. Estimate triggers of $>1\text{GeV}$ background and DIS events
- ◆ **Optimize the ECAL trigger: For instance optimize thresholds based on FOM, including Pre-Shower?**
- ◆ **Simulated ECAL support structure:**
 - a. Current implementing fibers
 - b. Add front and back plates
 - c. Add support rods and side plates
- ◆ **Background generator:**
 - ① Estimate hyperon contribution to $\pi^{\pm,0}$ background: π^- asymmetry estimation?
 - ② Adding electron vertex information (for SIDIS and J/ψ)

PVDIS configuration, $\theta_e=25^\circ$

EC energy resolution

