

My Activities This Week

- **Marlin reco at various ILCSoft versions → Compare**
- **Demonstrated v01-16-02 give no significant difference in any benchmarks w.r.t. newer releases (even for the smallest $\Delta M < 5$ GeV)**
- **Studied effect of overlay in Higgsino sample**
- **Aim to converge to same cuts for overlay and non-overlay**
- **Optimization of lepton selection and cuts on Pt and no. of tracks**
- **Introducing ILC physics to new student at Univ of Tokyo**

Plans

- **Test optimized cuts on Mirage benchmark ($\Delta M < 5$ GeV)**
- **Staging: Higgsino at 350 GeV (anything interesting at 250 GeV?)**
- **Other studies for staging**