



Progress since December - 1



- ◆ **Physics, Detectors & Backgrounds**
 - Workshop planned for 10-12 November.
 - Baseline MC parameter list for workshop agreed upon
- ◆ **Ring design**
 - New lattice with better performance being finalized
- ◆ **MICE**
 - Decay solenoid commissioned
 - New target designed, built & commissioned
 - Fiber trackers complete & commissioned
- ◆ **RF R&D**
 - MTA reconfiguration in preparation for beam completed
 - Preparations for HPRF beam test advanced
 - Next generation of 805 MHz test cavities design in progress, new rectangular cavity nearing completion

- ◆ Magnet R&D
 - Planning for an extended MC magnet R&D program within TD started
 - Although not directly MC R&D, we note that funding of the national HTS collaboration is helpful.
- ◆ IDS-NF (= Muon Collider front end).
 - International organization progressing, and is in line with U.S. contributions as per 5 year plan.