



Draft Charge for MCenter Task Force

This Task Force is being charged to conduct a review to consider options for the MCenter area, focusing on time and space constraints in the context of a possible upgrade of the Fermilab test beam facility and proposed MIPP upgrades.

In particular the reviewers should identify potential time and space conflicts and/or synergies between proposed modifications of MCenter and the installation and operation of MIPP-II. They should identify problems that may arise due to occasional test beam use during MIPP-II installation and operation.

MIPP-II results are potentially important for precision neutrino experiments, atmospheric shower and particle production simulations, and the development of hadronic calorimetry, especially for an ILC detector. The reviewers should comment on when MIPP-II results need to be available to be important to each of these efforts, and in what role MIPP-II data could be incorporated into such efforts.

It is expected that a summary of MIPP-1 data analysis, results, and plans for publication will be provided. The reviewers should comment on this and suggest ways to enhance this effort, if deemed necessary.

Similarly the reviewers should examine the capabilities and plans for the MTest and MCenter beams, and the most appropriate test beam uses of each.

September 2, 2009