

MUTAC Meeting

Brookhaven National Laboratory
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History

- 1970's Muon Collider (Skrinsky/Neuffer)
- 1992 Two workshops on Muon Colliders
- 1997 Muon Collider Collaboration formed
- 1997 Neutrino Factory potential realized
- 1998 Collaboration renamed Neutrino Factory and Muon Collider Collaboration (NFMCC)
- 2000-01 Neutrino Factory feasibility studies (FNAL and BNL)

Recent years

Lots of activity of Neutrino Factory design and development

Increased interest for Muon Colliders especially with ILC timeline and energy reach concerns

MUTAC Charge

- 1. Review and comment on the R&D progress achieved since the last MUTAC review.
- 2. Review and give advice on the R&D plans and corresponding budgets for FY07 and directions for FY08.
- 3. Assess and comment on progress toward the international MERIT experiment.
- 4. Assess and comment on the MUCOOL R&D program and progress toward the international MICE experiment.
- 5. Review and comment on Simulation Group plans, including Neutrino Factory design optimization, FFAG acceleration system activities, Muon Collider studies, and participation in the International Design Study.
- 6. Review and comment on the plans of the Fermilab Muon Collider Task Force and their relationship to the ongoing program of the Neutrino Factory and Muon Collider Collaboration.