



# Priorities

- Construction and test of quad model
  - FNAL/LBNL consensus
- Keep flame under dipole R&D
  - Assume \$1,400k (max FY05 budget)
    - Quads \$900k
    - Dipoles \$300k
    - Reserve \$200k



# Organization

## – Quads

- Zlobin\*
- Caspi – Q1 Project leader
- Gupta
- Kashikhin
- Etc.

## – Technology Development

- Sabbi\*
- Ambrosio
- Barzi
- Dietderich
- Etc.

## Integrated Steering Groups

## – Dipoles

- Harrison\*
- Sabbi
- Anerella
- Etc.

CERN members?



# Organization

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- Steering group responsibilities
  - Execute charge which includes
    - Design studies and comparisons
    - Program structure and implementation



# FY06

- Quads and Technology Development
  - 2<sup>nd</sup> layer in Q1
  - Multiple tests on same coils
  - Build conductor reserve and pay-back FY05 debt
  - Infrastructure for long magnets (< 4 m)
  - SM quads
  - Conductor R&D
  - Sub-scale technology development tests
    - Materials
    - Rad-hard
  - Ongoing design work



# FY06

- Dipoles
- Emphasis on overall viability
  - Thermal analysis
  - Studies on “simplified” cold mass
  - Test magnet in cryostat
  - Quench/field uniformity tests
  - Heat load/temp tests