

NLC Collaboration Meeting Agenda **DRAFT**:

A. Ringwall(SLAC); B. Fowler, J. Volk(Fermi); S. Marks(LBL)

Permanent Magnets

NLC Collaboration Meeting, SLAC, Jan. 31- Feb. 2

MONDAY

Plenary Sessions

[0900 - 1200]

Working Group Break-Outs(permanent magnets)

[1330-1700]

1. Discuss activities leading to September review[1330-1430]
 - Present CDR 0.4 milestones A. Ringwall
 - Develop rough plans and milestones for PM's All
2. Prototype design discussion[1430-1630]
 - Discuss comments from reviews All
 - Magnetic design issues All
 - Mechanical design issues All
 - Build this design variant as prototype? All
 - Resources, schedule for prototype All
3. Prepare progress report[1630-1700]

TUESDAY

Progress and Plans from Working Groups

[0900 - 1000]

Working Group Break-Outs(permanent magnets)

[1000-1700]

1. Prototype design discussion(con't)[1000-1030]
2. Beam physics requirements for injector, damping rings[1030-1200]
 - Magnet candidates and requirements for injector M. Schulze, J. Sheppard, N. Phinney, P. Emma
 - Magnet candidates and requirements for damping rings M. Ross, P. Emma, N. Phinney
 - Discussion All
3. Lunch[1200-1300]
4. Beam physics requirements/issues for DR(con't), beam delivery[1300-1400]
 - Magnet candidates and requirements for DR(con't) M. Ross, P. Emma, N. Phinney
 - Magnet candidates and requirements for beam delivery A. Ringwall, T. Markiewicz
 - Discussion All
5. Alternate PM materials, alternate designs[1400-1530]
 - Other PM material options, cost vs. performance All
 - Other PM variants: rotating designs, shunts, trim coils All
 - Develop another variant? Which? All
6. Cost [1530-1700]
 - PM material costs, sizes, etc All
 - Parts lists for dipole, quad, sextupole All
 - Controls, facilities needs/costs All + controls, facilities
 - Parametric cost estimating All

WEDNESDAY

Working Group Break-Outs(permanent magnets)

(0900-1200)

1. Finalize plans and milestones for '00[0900-1000] All
2. Prepare for close-out[1000-1200] All
3. Lunch[1200-1300]

Reports from Working Groups and Close-Out

(1300 - 1500)