

- **Attendance:**
 - Roger, Me, Valeri, Vaia, Ioanis, Paul Derwent, Paul Czarapata, Keith Gollwitzer, Ron Moore, Salah, Cons, Bruce Baller,
- **Machine Strategy:**
 - **Operations**
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 - **Linac**
 - I- Source -
 - **Booster**
 - Orbit stabilization program - demonstrated on test cycles that we can restore the orbit. Mechanics of saving orbits...
 - No plan to look at orbit and correct in real time.
 - a
 - Booster beam with small long emittance?
 - Beam quality...
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 - New correctors for shutdown...
 - **Pbar**
 - Ready to try 2.2 seconds.
 - Thursday PM, no other study cycles.
 - One at 2.2
 - Another at 2.4
 - Alternete...
 - For two shifts...
 - Then have another period - more of the same to tune on the 2.2.

 - Valeri says on paper should be able to stack 29ma/hr.
 - New stacktail equalizer
 - Also will have debuncher work. - double notch filter - in march.
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 - Accumulator Optics changes..
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 - Still pushing on transfer time improvements.
 - a
 - Longer consistent \$23s, -
 - **Main Injector**
 - Reinstalled the MI-8 collimators. Protection - have premit trips on single pulses.
 - ◻ Have the plan to put an IRM in there to pull on a 20 pulse averages.
 - ◻ 30R/pulse - still pull abort. Want limit 5-6 rads.
 - ◻ aHave to look at the source of the problem.
 - ◻ Intermittent - traced to sparking in the PreAcc.
 - Multibatch slip stacking
 - Change 2A cycle to not include acceleration for the Accumulator.
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 - **Recycler**
 - Pelletron - fair number of apparently unrelated problems.
 - ◻ Energy regulation - fixed. Electronics board in pit
 - ◻ ACCELNET2 and VME FE communications - not understood. Order for a new accelne front end.
 - ◻ Had two full discharges. - vacuum - fired tsps. May be ok now.
 - New beam intensity monitor. Mapped to r:beam - wall current monitor signal digitized in vme fe, algorithn baseline, subtract, integral. -
 - Differnet extraction procedure - can cut 13 minutes out of pbar load time. Ready to test...
 - Higher intensities.

- Take one store longer? -
 - Keep tevatron in the loop when we have larger pbars...
- **Tevatron**
 - New sextupoles - first did tuneup - chrom. Compensation (b2 drift at 150) worked fine. Larger than expected tune changes on the helix. Had to change feeddowns at 150 and 153 GeV. Don't completely understand it. Looking for elements that are wired backwards. Doing three bumps. Have done 1/6th.
 - Studies run circuits to zero all the way to low beta.
 - Cogging schemes - proton scraping at 150 both on hold for now....
 - Push the protons...
 - Visitors coming for CC study..
 - Next week, then last week of February.
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- **SY120**
 - Three users in March
 - April - first request for new low momentum.
 - hall probes - soon.
 - Prototype for low energy power supplies.
- **NuMI**
 - Sam gone for three weeks. Peter in charge..
- **MiniBooNE**
 - Fix in place by beginning of april
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