

Support of DØ Run II

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PMG

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Impact of Run IIb decision

- As you know, despite our strong arguments to the contrary, the Director decided to terminate the silicon detector upgrades
 - This was not the decision we wanted or one we necessarily agree with, but we will live with it
 - we have made it clear to the collaboration that there is no likelihood of reversal
- We outlined a lot of bad things that might follow this decision
 - The “spiral of death”
 - Now we all have to work hard to ensure that these predictions do not come true



We have asked the collaboration

- **To focus on the physics**
 - **Sell the program**
- **Show their own commitment to operations and to analysis**
 - **Get the most out of the luminosity we get**
- **Work to maintain good tracking capabilities throughout the run**
 - **Silicon layer 0**
 - **Fiber tracker readout**
- **To explore the physics that would be gained from an increase in rate-to-tape from 50Hz to 100Hz: make the most of luminosity now**
 - **B-physics program benefits greatly**
 - **Internal evaluation in progress**
 - **Costs are in computing**



... but the laboratory must

- **Demonstrate its own commitment to the continued vitality of Run II, and the DØ experiment**
 - **Counter any impression of expendability**
- **This means maintain or increase**
 - **Technician support for 24x7 operations and detector maintenance**
 - **Fermilab RA's in both PPD and CD, Associate Sci. in CD**
 - **key roles in support of operations, clued0 cluster**
 - **Visitor budget**
 - **supports operations**
 - **Availability of experts within lab**
 - **Technical computing support**
 - **Database expertise (luminosity, calibrations, trigger...)**
 - **Speed of reconstruction**
 - **Technical help with completion/commissioning**
 - **FPD, Forward Preshower firmware ...**

You can expect a specific itemized list of requests very soon



I have gone somewhat out on a limb by asking the collaboration, despite their frustration, to “play nice” with the lab.

Now they need to see some tangible benefit from this strategy.

