News from the Bhabha Calibration

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Bhabha Calibration during RUN4

- EMC has been calibrated regularly
- No major problems with trickle injection
  - Larger event size on xtc caused some trouble but was easy to fix after being understood
  - Had some skirmish with IR2-computing crew but this is settled now

- Overall a stable performance
Bhabha Calibration during RUN4 – cont’d

Time evolution of Bhabha constants

- endcap
- forward barrel
- backward barrel
- all
Bhabha Calibration during RUN4 – latest results

constants vs theta and phi - nrxtals: 6511
Bhabha Calibration in RUN5

- Migration to release 16 was smooth
- Executables are built and tested on cosmics taken in 11/04
- We are waiting for data!
RUN5: The Way into the Database

We need to establish a procedure to get the constants loaded.

Some fix-points are set:

• Constants are loaded into DB usually monday afternoon (PST)  
  done by whom?
• Loading has to be announced on thursday prior to loading
• Calibration is discussed during the EMC ops meeting monday 9:30 (PST)

We don’t want to have a delay of one week between calibration and loading, do we?
RUN5: Get Used to a New Face

The Bhabha Calibration as an EMC-task has moved from TUD to UDO.

The new tamer of the bhabhas is Heiko Jasper

- We did the migration to release 16 together
- A previous calibration is re-done
- We will calibrate the first run5 data together
Status of the Rolling Calibration

No changes lately:

- Code is ready but not tested within the proper environment
- A roadmap of *what* and *how* is established

With new manpower assigned this task is likely to be addressed soon.
Summary

- The bhabha calibration is well prepared for run5

- I’m glad to hand over a stable working system and I wish

  all the best to Heiko!