

Codes – Bench Marking

WG1 session 20050824 (Wed)
10:20-11:35 Summary

Bench Marking-1

We need:

- Scarecrow deck (BC:1-stage TRC, ML: TRC, BDS: WG4's strawman)
- Scarecrow wakefield (PAC03 wake)
- Scarecrow beam ("Nominal", Gaussian)
- Scarecrow errors (TRC, not only rms, set of errors: Q-offset, Q-rotation, Cav-offset, Cav-tilt, Cry-offset, Cry-tilt, BPM-offset. BPM-rms-resolution. D.S. will make.)
- Some scarecrow correction algorithms (DFS, BA, KM)

Bench Marking -2

Simulation of:

- BC (BMAD, LIAR, Lucretia, SAD, MERLIN)
- ML (BMAD, LIAR, Lucretia, SLEPT, PLACET, MERLIN)
- BDS (BMAD, LIAR, Lucretia, SAD, PLACET, MERLIN)
- IP (CAIN, GUINEAPIG)

BMAD: JS

LIAR, Lucretia: PT

SAD, SLEPT: KK

PLACET: DS

MERLIN: ?

CAIN: KY

GUINEAPIG: DS