

# Minutes of the 71st SiD optimization meeting

2016-07-06

Present:

Previous Work Items:

- tracker calibration
  - # tracks at different collision energies (JS and TB)
  - Cosmics efficiencies, tracking efficiencies with different power pulsing modes. (MS) (some progress)
  - Alignment precision with different #tracks (JG)

Agenda and points of discussion:

- Shower shapes
  - First look at using meshes and convex hulls to parameterize showers from individual particles
- Discussion of backgrounds for note

New Work Items:

- tracker calibration
  - # tracks at different collision energies (JS and TB)
  - Cosmics efficiencies, tracking efficiencies with different power pulsing modes. (MS) (some progress)
  - Alignment precision with different #tracks (JG)