Minutes of the 14th SiD optimization meeting

12-November-2014

Present:
Tim Barklow (TB)
Marty Breidenbach (MB)
Joel Goldstein (JG)
Norman Graf (NG)
Marcel Stanitzki (MS)
Jan Strube (JS)
Andy White (AW)

Agenda and Points of discussion:

1. January Workshop Planning
    a. Scintillator vs. RPC:
        - RPC simulation realism unlikely to improve
        - instead, look at different scintillator tile sizes
        - validate PFA for digital calorimetry using 1 cm tiles with a high threshold and digital readout
        - cost dependence on cell size seems to be understood
        - plan to invite NIU to the workshop
    b. Tracking / Vertexing software
        - Compile a to-do list for the reco software
        - Present status of software and invite contributions, but this needs commitment

Action Items:

Produce detector variants with different scintillator tile sizes (MS + JS)