

## **FCAL software and analysis meeting, 19 May 2021,**

### **Meeting Minutes**

**Alina** presented an update on MC simulation. She focuses on the experimental setup implemented in geant4, the geometry construction, and the overlapping. She explains the data collection process and the root file structures. As Itamar comments, the energy distribution looks reasonable, he suggested changing the binning. Other suggestions were about the number of events, hit map distribution, removing the first 3 W plates, etc.

**Ivan**, presented some results using SRS data. He obtained the occupancy plots for minor cuts in HG and LG and the try to see the evolution of longitudinal shower development. He used data from energy scan runs.

**Ben's** talk was postponed for the next meeting.

The next meeting will be in 2 weeks, on 2 June 2021 at 4 pm CERN time zone.