Drift Chamber (Franco's mail)

- **Complete the studies on noise**

- **Identification of the first cluster time**
  - Drift time distribution
  - Charge integral distribution

- **Coarse track fit from hit pattern**

- **Start tackling the time-to-distance conversion**

- **Comments:**
  - It would be nice to add the event and the geometrical alignments wrt the ancillaries
  - We suggest to use the same runs under studies by the other groups

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GEM + μRwell (Lisa's mail)

- Alignment of pre-shower and muon system to the ancillaries (to be consistent with the other detectors and have a common reference)

- In depth study of the cluster-size, charge distribution inside the clusters, and number of clusters, with different clustering algorithms, comparing runs with muons and electrons, and runs with different lead thickness.

- Comments:
  - It would be nice to correlate the charge distribution inside the track to the track impact point. You could use the DWC + Gem to track the particles, would it be possible?
  - It would be nice to study the detection efficiency for the different planes
  - Which runs will be used?

Calorimeters

- **RD52 (Sussex Group)**
  - Module response equalization plus calibration
  - Energy resolution with electrons and shower shape
  - Preliminary studies on the effect in the energy degradation wrt the materiel place in front to the calorimeter

- **SiPM calorimeter module (Massimiliano)**
  - DWC alignment and tracking
  - Finalize the particle selection and the geometrical cut
  - Try to finalize the study on the linearity response with electrons to get the proper number of Ph-e / Gev

- **Staggered Module (Lorenzo)**
  - …

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