TB2020 preparation/status

1. Calorimeter will be equipped with all available detector planes before the test-beam starts.

2. The 5 planes read out with FLAME will be positioned in the front part of the calorimeter. the first time slot of the test-beam will be used to bring FLAME into operation, without switching on the APV readout and the telescope. Measure e.g. pedestals, noise level ...

more details and time estimate: Jakub, Marek ??

3. Take data to measure the FLAME performance, scanning all channels to get information on the homogeneity of the performance, for this purpose the telescope will be needed, in addition the beam size will be enlarged to the size of the telescope sensors.
question: is an operation with high beam-intensity, to test the bandwidth of importance
more details and time estimate: Jakub, Marek ??

4. then the rest of the detector planes should be taken in operation. For data taking the synchronisation of the telescope, the FLAME and the APV read-out is absolutely necessary.
question: do we need here the additional trigger module from Hans ?
more details and time estimate: Yan, Jakub, Itamar, Hans

5. Magnet use may be important for
- taking more date for Multiple scattering studies
- for studies with bremsstrahlung

more details: Sasha

Wolfgang comments: there are some interesting, but of course not new investigations possible. in case we have hard bremsstrahlung, leading to two showers in the calorimeter, the sume of their energy must be the beam energy, and there is also a relation between the distance of the showers and the sharing of the energy. it would be impressive to demonstrate this, to illustrate the performance of the calorimeter. scientifically it is, however, nothing new.

6. Sharing of the beam-time with LUXE Cerenkov counter studies!!!

more details and time estimate: Sasha, Sergey, Halina