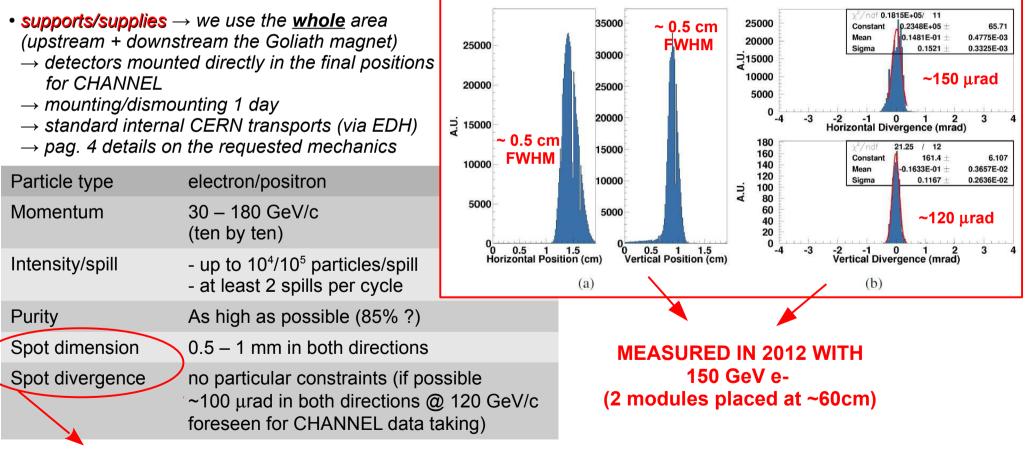


goal/physics → commissioning + characterization of <u>2 calorimeters</u> (1 shashlik + 1 PbWO₄ crystals): calibration and energy resolution measurements
→ these two calorimeters will be used the following week by the CHANNEL experiment (see CHANNEL slides)



We can allocate some time during our period for the beam tuning for the following week (see the CHANNEL beam requests)



SCINTI \rightarrow plastic scintillator

TELE 1-3 \rightarrow silicon detectors (for single particle reconstruction)

 $CRYS \rightarrow silicon crystal installed on a goniometer$

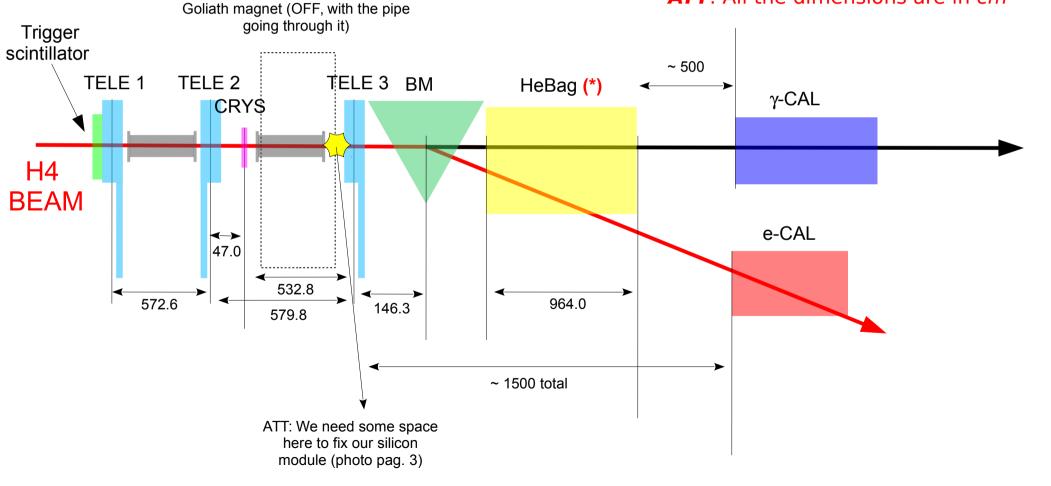
 $\text{BM} \rightarrow \text{bending magnet}$

 $HeBag \rightarrow Helium Bag$

e-CAL \rightarrow calorimeter for electron tagging (shashlik)

 γ -CAL \rightarrow calorimeter for radiation measurement (PbWO₄ crystal)

ATT: All the dimensions are in cm



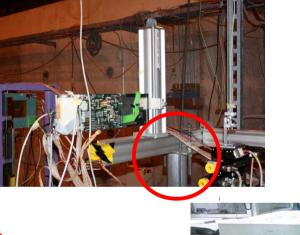




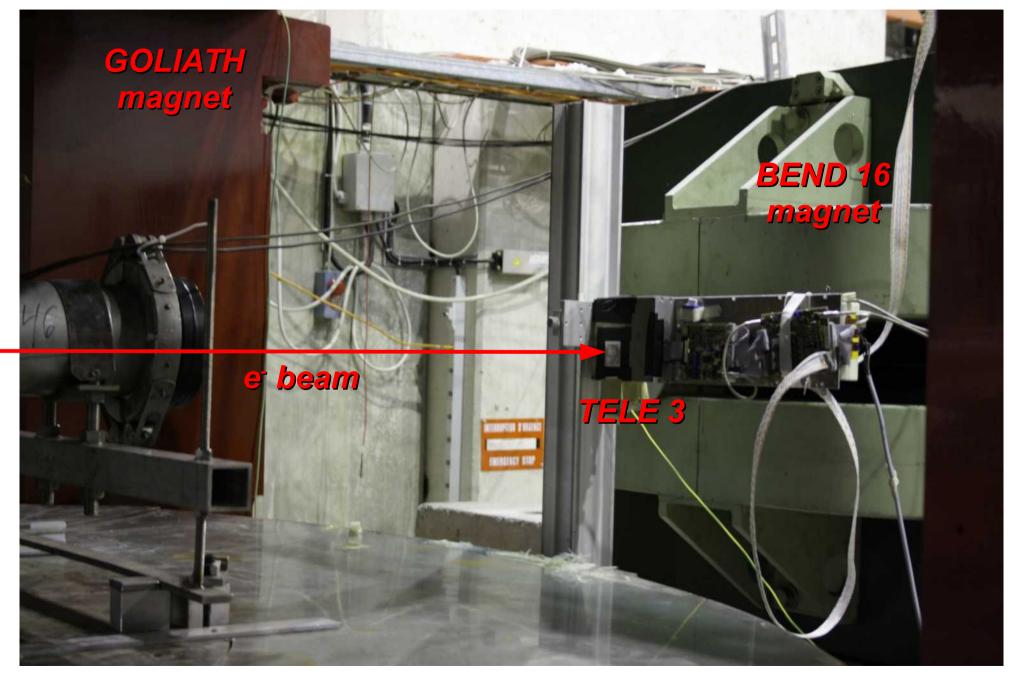
MECHANICS

- 2 C-clamps to fix the rails
- 2 supports for the rails
- 2 movable tables (...if possible...) for the e-CAL and the goniometer (**XSCA** would be perfect)
- 1 movable platform (remotely controlled) for the γ-CAL (usually we use a *DESY table*)
- beam pipes (see previous layout scheme)
- the 3.6 Tm *dipole magnet* (BEND16, see previous layout scheme)

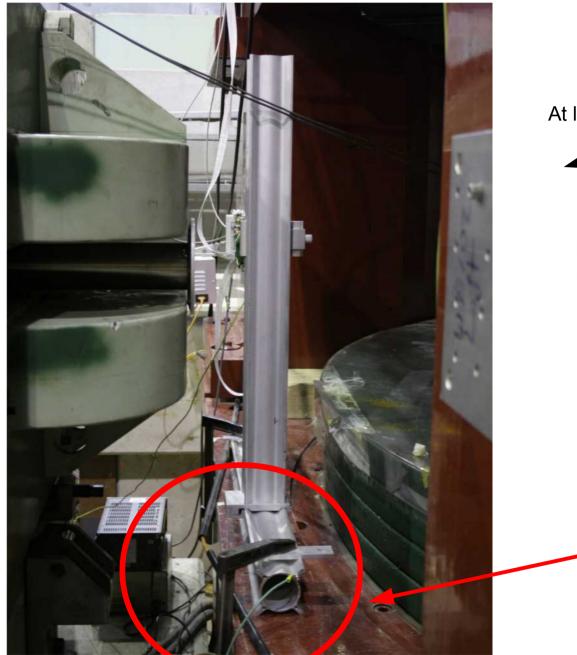
- **HeBag** \rightarrow if it is already present it can remain installed (see previous layout scheme) $_{15/04/2015 - Alessandro Berra}$ (on behalf of the PHOTAG Group)

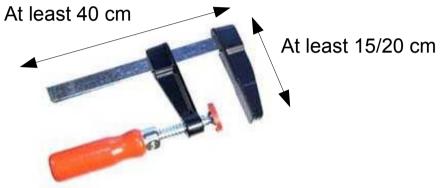




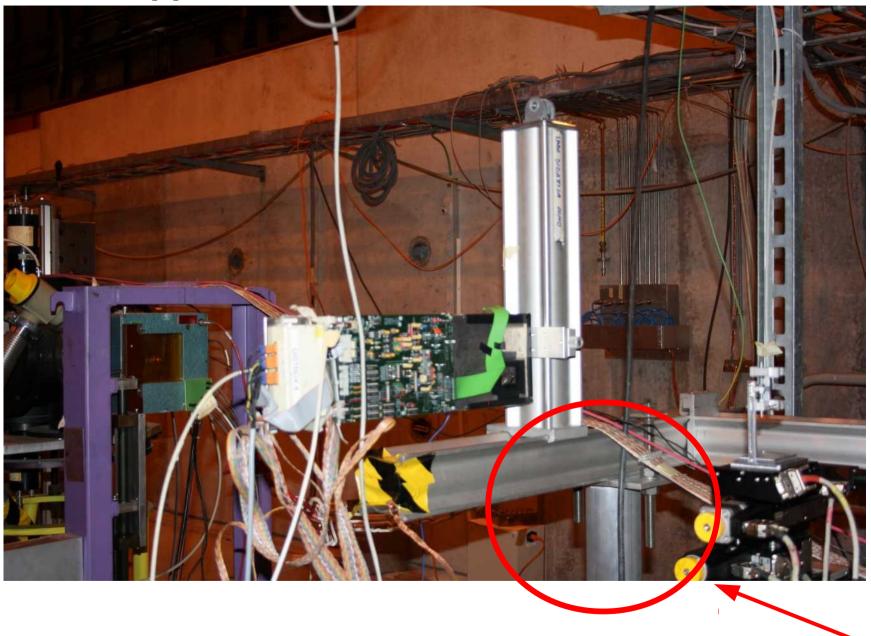


C-clamps





Rails supports



Tables for goniometer and e-CAL

