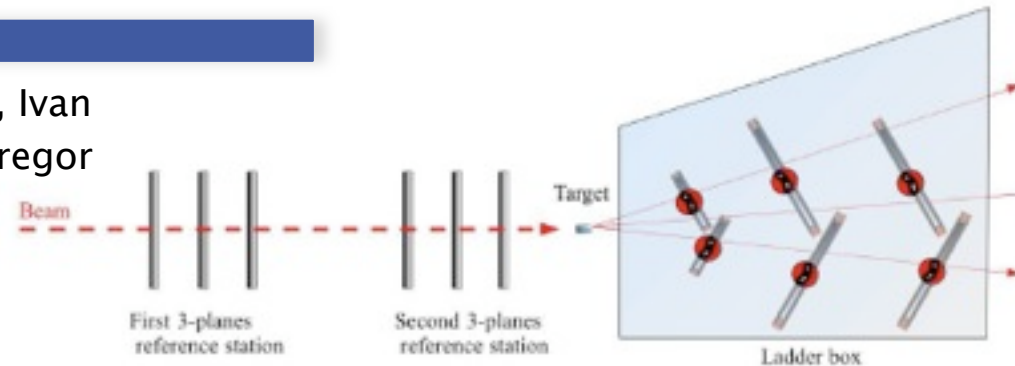


WP 9.2 - PIXEL INFRASTRUCTURE

- Meeting with Laurent Serin, Heinz Pernegger, Ivan Vila, Marc Winter, (Peter Mättig) and Ingrid Gregor
- Discussion on LAT for broad community
- Fruitful discussion with many ideas -> good basis for the next weeks



Ladder box for alignment tests AND CO2 cooled box for irradiated sensors

- very modular large area telescope with mechanical interfaces combining different sensor types (Mimosa, Timepix, APix=FEI4) e.g. one arm with Mimosa, the other Timepix
- based on EUDET telescope
- complementarity: fast versus/and high resolution BT
- flexibility: depending on user's request, make best adapted combination of sensors
- removable target (to be used at different positions in this setup)
- not for tests in magnetic field, but possible to put in front of magnet with maybe one plane close to the DUT in magnet
- based at one beam line but transportable to other beam lines (few days work)
- two "boxes", one for alignment studies (very complex) and one cold box (-40°C)
- self trigger (to be defined)