

# MSD Status and Beam Time Request



*L. Servoli*

# MSD Status



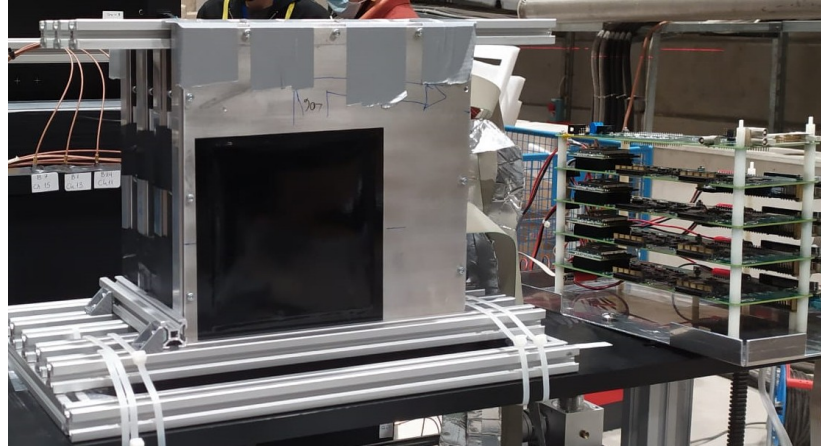
- *Analysis of GSI data*
  - *internal alignment*
  - *MSD track segment reconstruction*
- *Analysis of CERN SPS test beam data (13-20 October)*
  - *eta-function studies*  
*not yet started*
- *Currently CERN PS beam test (1-8 november)*  
*(5 x sensors, 7 y sensors)*
  - *collect further data for eta-function study;*
  - *collect data for dE/dx studies;*

# MSD R&D at CNAO



*Same CERN type setup:*

- 6 x-y planes
- 6 x, 6 y, 12 dE/dx points.



→ *collect further data for eta-function and dE/dx studies with carbon beam at different energies;*

→ *collect data at tilted angle ( $\pm 5^\circ$ ,  $10^\circ$ );*

→ *study of response for tilted tracks on bending coordinate;*

# MSD R&D at CNAO

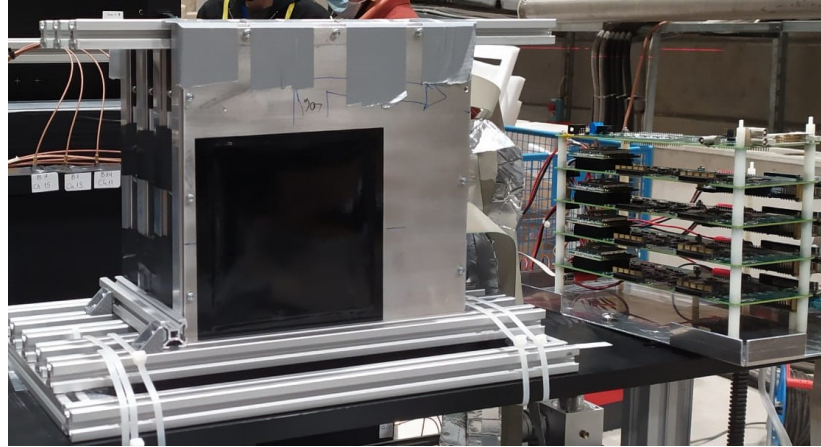


**Time request:**

→ 2 nights.

→ Main user of the beam.

**Preferably the time slot after FOOT general meeting. (December)**



→ collect further data for eta-function and  $dE/dx$  studies with carbon beam at different energies;

→ collect data at tilted angle ( $\pm 5^\circ$ ,  $10^\circ$ );

→ study of response for tilted tracks on bending coordinate;