

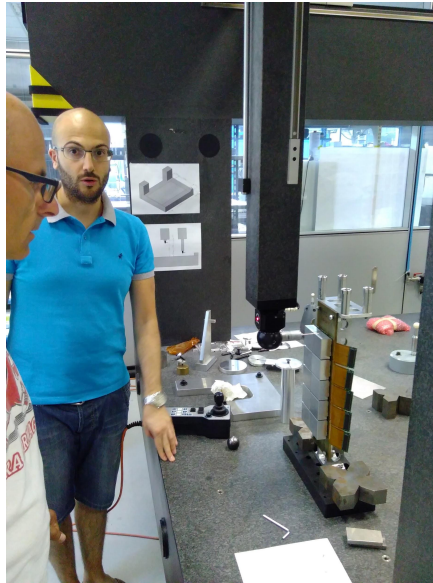
Ripetibilità del posizionamento del carrello di INSIDE

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Misure di Stefano Sironi

Previous work:

Design: The the positioning of the 3 detector boxes can be tuned.

measurement machine @ INFN Torino for PET detectors in August



INSIDE mobile support positioned in treat room 1.

Measurements of the position of DP; DP positioned according to A. Sarti indication. 6 points on the DP measured -> position wrt room isocenter fully measured. Awaiting for Sironi answer...

Same for PET heads 1&2: detectors have been aligned one to each other and wrt room isocenter.

5 May 2019: repeatability

INSIDE cart have been blocked, unblocked and moved 10 times

Position of DP, PET1&2 have been measured each time

	avg isocenter dist. (mm)	dev std (mm)
DP	0,68	0,50
PET1	0,77	0,52
PET2	1,00	0,55

