

Laser Calibration of the Radial Time Projection Chamber for Measurement of Antimatter Gravity

with ALPHA-g

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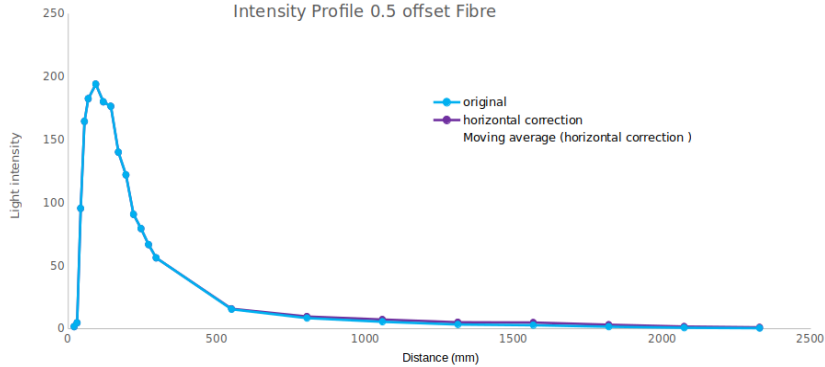


Fig [e] Example of an intensity profile of laser beam.

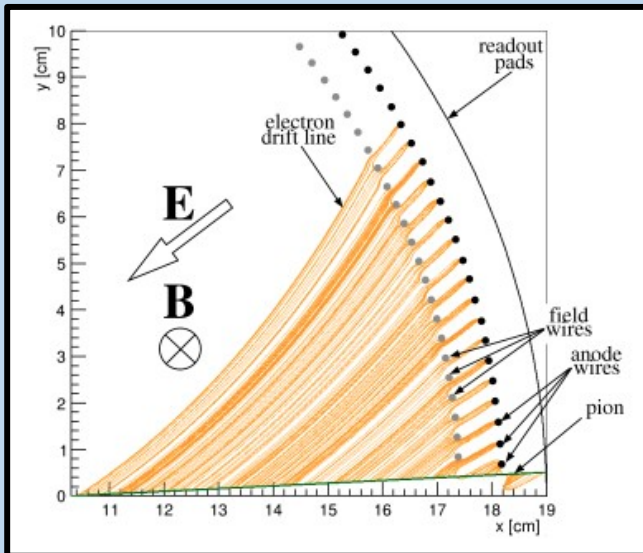


Fig [c] Cross-sectional view of the rTPC with the electron drift lines¹.

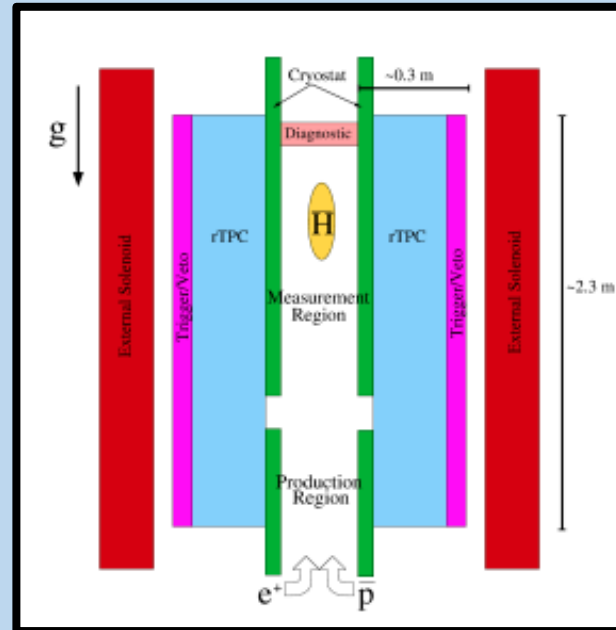


Fig [b] sketch of ALPHA-g apparatus¹.

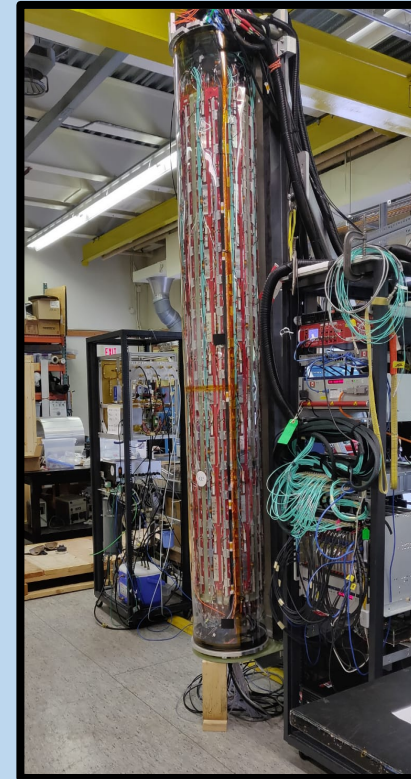


Fig [a] Photo of the ALPHA-g rTPC

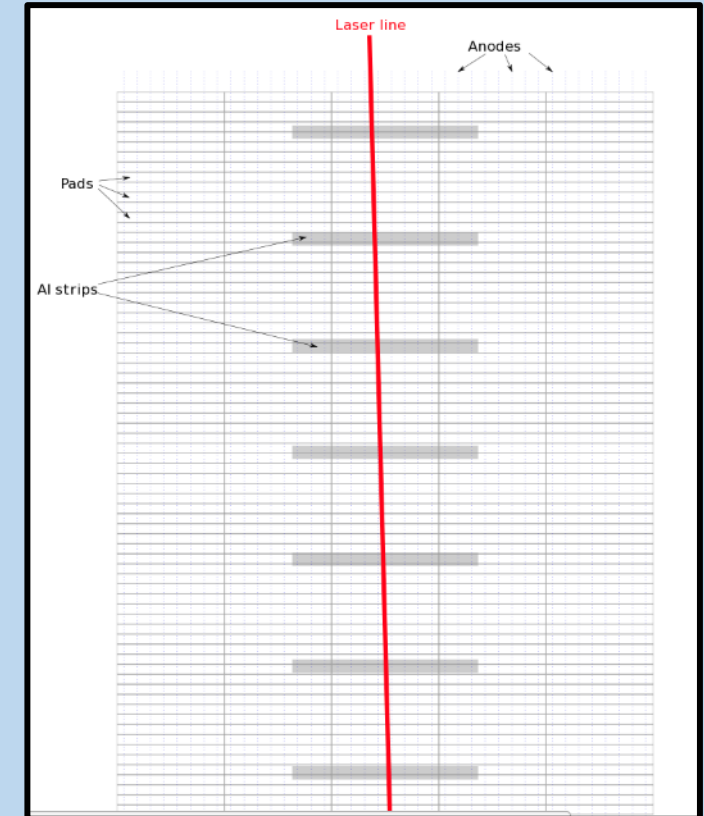


Fig [d] Sketch of laser path within the rTPC².

References:

- 1- Capra, A. (2016). Design of a Radial TPC for Antihydrogen Gravity Measurement with ALPHA-g.
- 2- Daq.triumf.ca. (2018). ELOG Login. [online] Available at: <https://daq.triumf.ca/elog-alphag/alphag/371> [Accessed 17 Jul. 2018].