



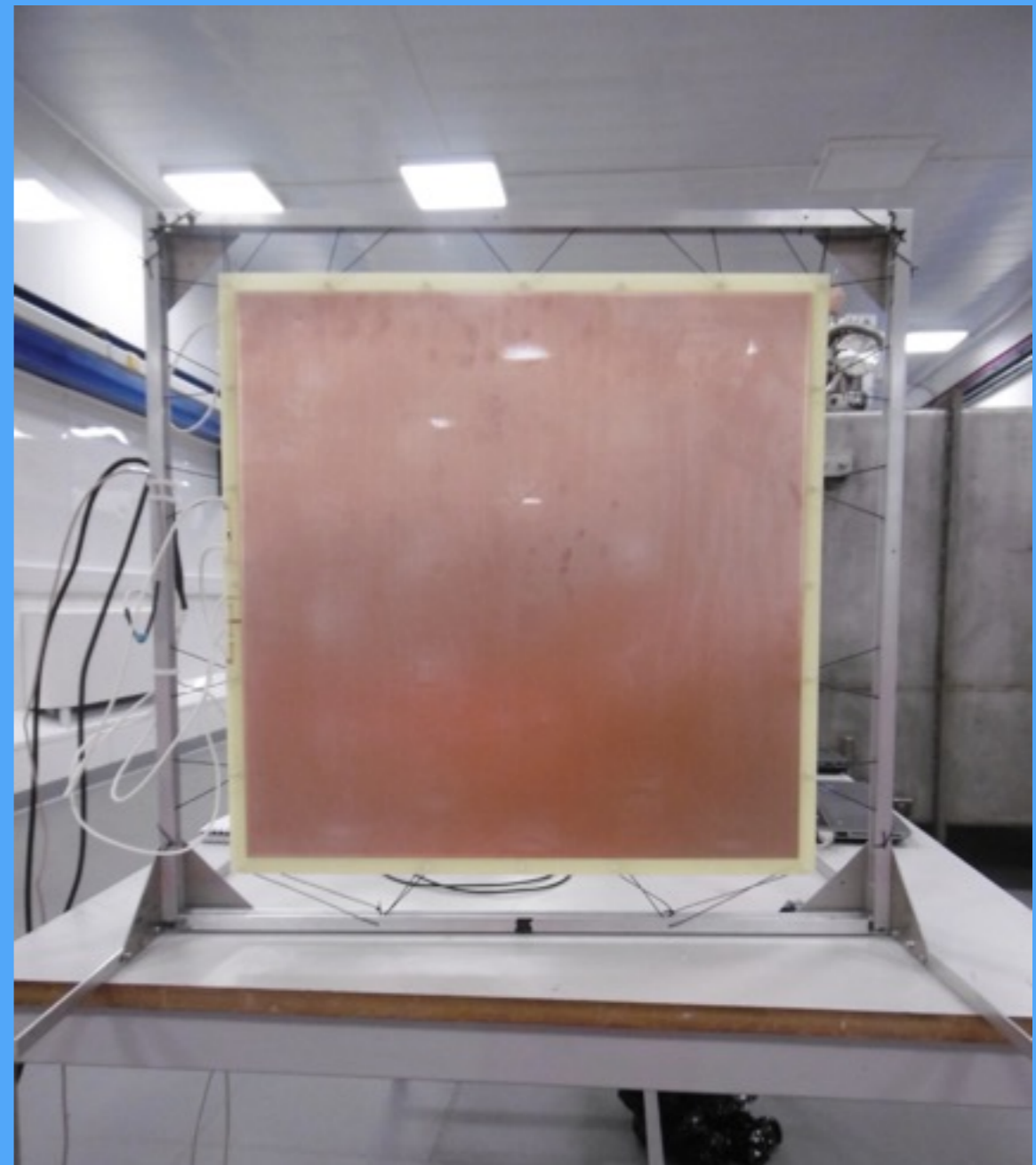
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# Large Area THGEM Tests @ Boulby

Andrew Scarff  
University of Sheffield

# Boulby Test

- 50x50cm THGEM operated in low pressure  $\text{CF}_4$  at Boulby in collaboration with AWE.



# Boulby Test

- Gain found in first test, analysis of results in process. (Leak in D11e vessel caused bad gas quickly)
- Data from alpha interactions - 2cm drift gap, 300 V/cm.
- 100 Torr  $\text{CF}_4$
- Hopefully more tests with longer drift length and  $\text{SF}_6$
- No  $^{55}\text{Fe}$  data taken due to time constraints.

