

# Test Beam Analysis - Meeting with conveners this week

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# Sensors uniformity

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- Do a map of the sensor characteristics in X-Y plane (charge, pulse height, time resolution)
  - X-Y information are in the ntuples
- Taiwan group is doing the study for carbon implanted samples
- We can do the study for the Gallium sensors (from October)
- Suyu?

# Reference sensor - time stability performance

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- I saw a decrease of the collected charge with the time
  - The reason is not clear yet

T = -30° / HV = 200V		T = -30° / HV = 180V	
Charge (fb)		Charge (fb)	
April	18 ± 0.08	September	12.8 ± 0.04
June	15.3 ± 0.12	October	10.9 ± 0.05

- Will check the time resolution stability for this sensor
  - By comparing the 2018 test beam campaigns

# Sensors/SiPM alignment

- Bo is already working on this and will show updates today

