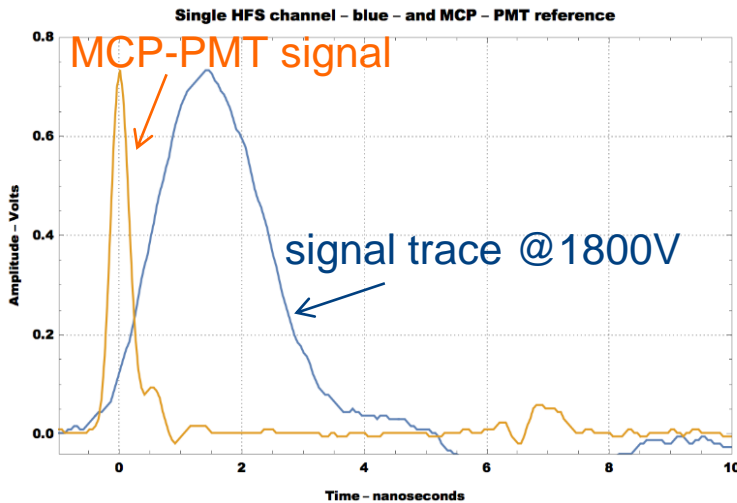- Sensors tested in parasitic mode
- Used both scope and SAMPIC multi-channel readout
  - SAMPIC is a waveform and time-to-digital converter
  - allows fine-time measurement (a few ps resolution)

a) Setup with the SAMPIC and the Si telescope

b) Scope: sensor signal trace @ 1800V and MCP-PMT signal

Test beam @ H4


```
--------- Hit Info -----------
HitNumber = 1026
Channel = 0
CellInfoForOrderedData = 15
SampicTimeStampA = 3621
SampicTimeStampB = 3620
FPGATimeStamp = 196726445
Cell0TimeStamp = 3934526180.000000
TriggerCellTimeInstant = 3934526164.687500
CFDTimeInstant = 3934526175.877658
ADCCounter_LatchedAtEndOfConv = 2050
DataSize = 64
0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0.998906 0.999279 0.998598 0.999878 0.999233 0.998442 0.998191 0.997647 0.999367 0.998410 0.998535 0.997473 0.998303 0.997335 0.998994
0.998553 0.999054 0.998908 0.997926 0.998786 0.997383 0.998249 0.999562 0.997274 0.998784 0.998384 0.998256 0.999139 0.997679 0.996736
0.994279 0.991182 0.987693 0.984339 0.977659 0.969598 0.960126 0.950064 0.940392 0.932378 0.928126 0.925521 0.926701 0.928497 0.931688
0.934432 0.940405 0.943751 0.946280 0.947305 0.948870 0.949718 0.950246 0.953187 0.955155 0.961041 0.965325 0.966598 0.970605 0.972785
0.973051 0.975327 0.977096 0.978340
-----------------------------
```

- Signal traces from SAMPIC
- unpacked data