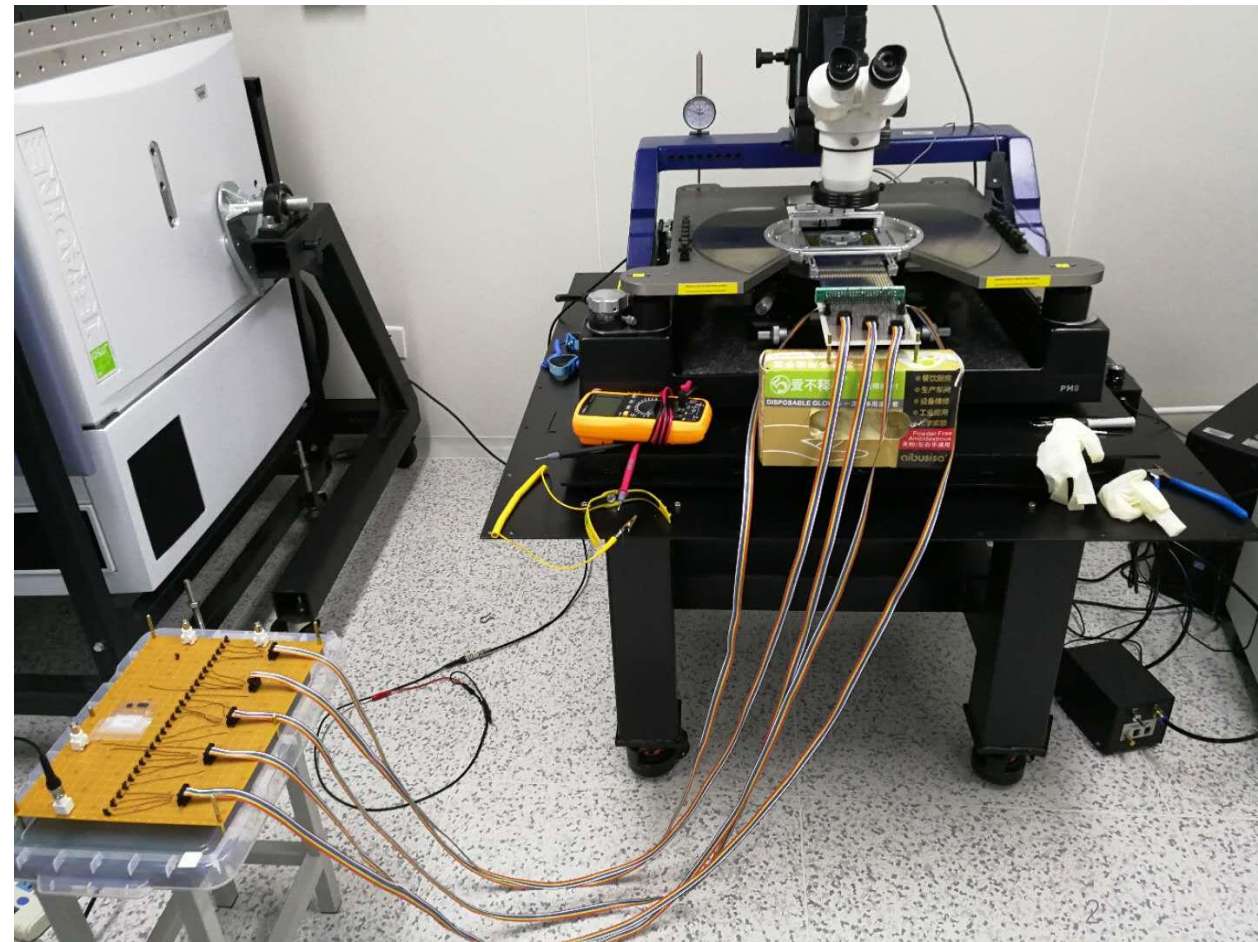


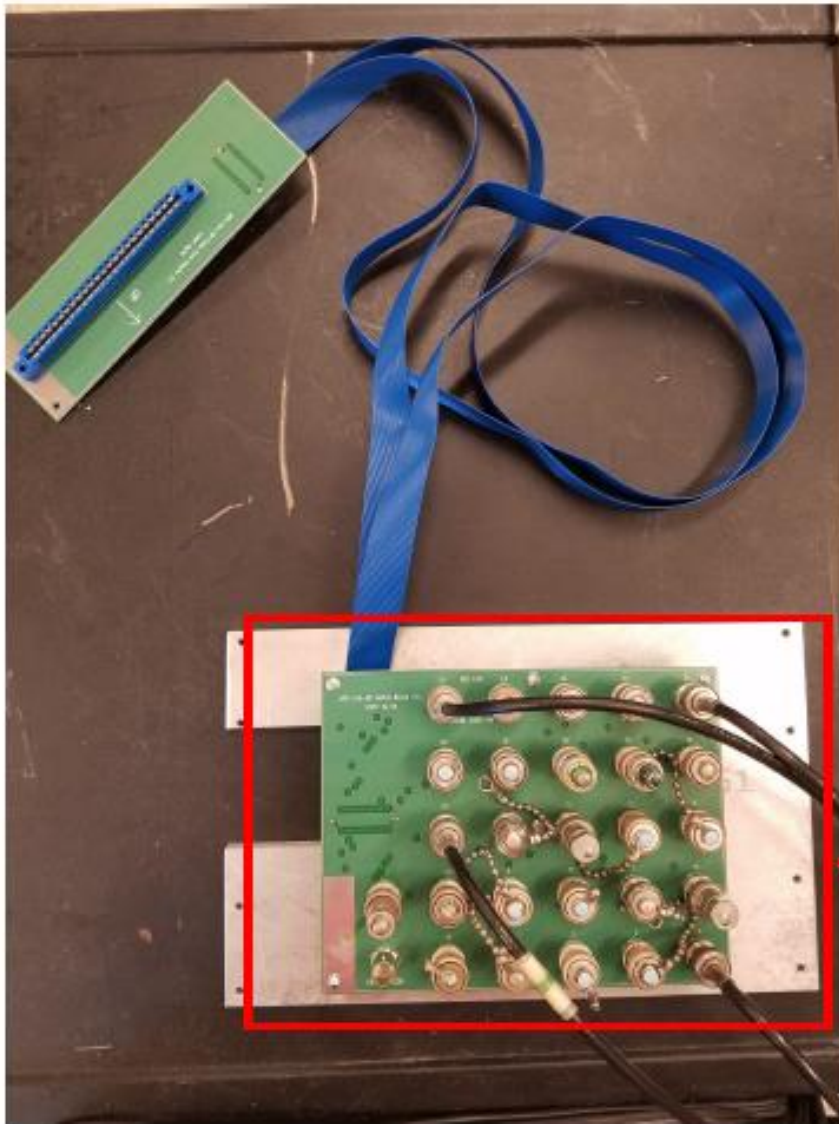
Status on 5x5 sensor measurement

Making a connection bridge (edge connector <--> signal/GND selector)

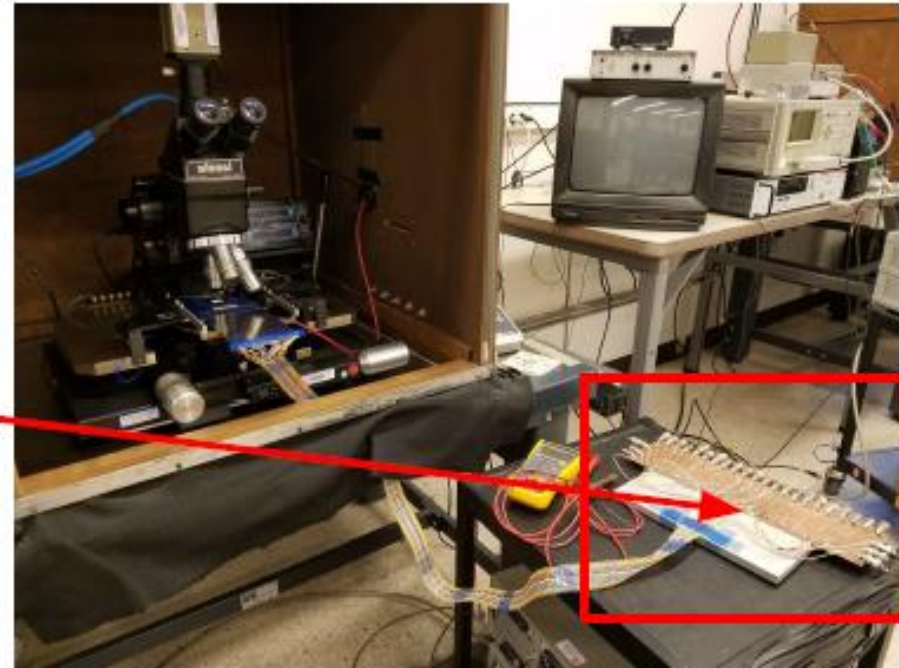
- 24pads, except the pad which is under measurement, can be connected to GND
- Guard Ring can also be connected to GND.
- One more output for “edge sensor”



Corresponding to . . .



- Version 2 of edge connector and switching board, replacing the homemade version
- Version 3 will allow for digitized switching of readout channels



Status

-- Setup at the clean room is done.

-- Test I-V scan on the central pad (“12”) is performed with floating/un-floating the other 24pads.



Need more test/investigation on that before we enter the scan/measurement on all of 5x5 HPK sensors.

-- Breakdown voltage

-- Issue to measure the current on “that” pad

-- We hope, within few days, we would have more clear understanding of this I-V result, then, we will have measurement, total 6 5x5 HPK sensors. If you can join this measurement, please let us know.

Ref : 5x5 HPK sensors (5 LGAD + 1 PIN)

