



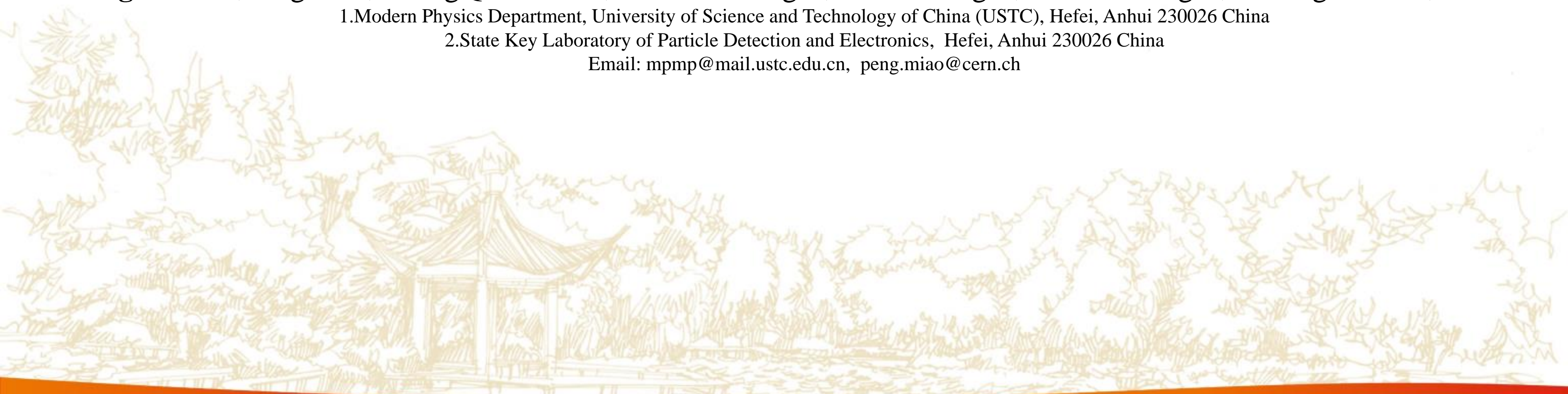
# An sTGC Prototype Readout System for ATLAS New-Small-Wheel Upgrade

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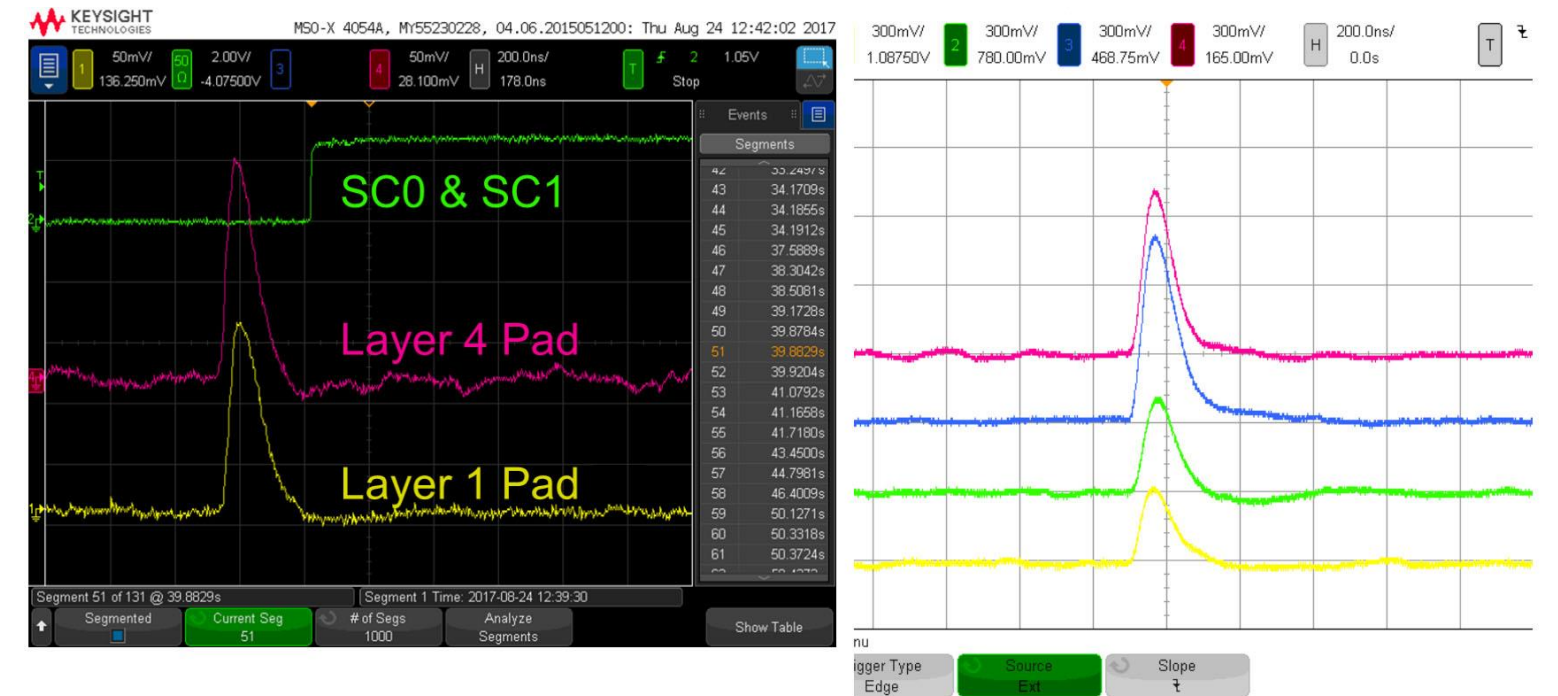
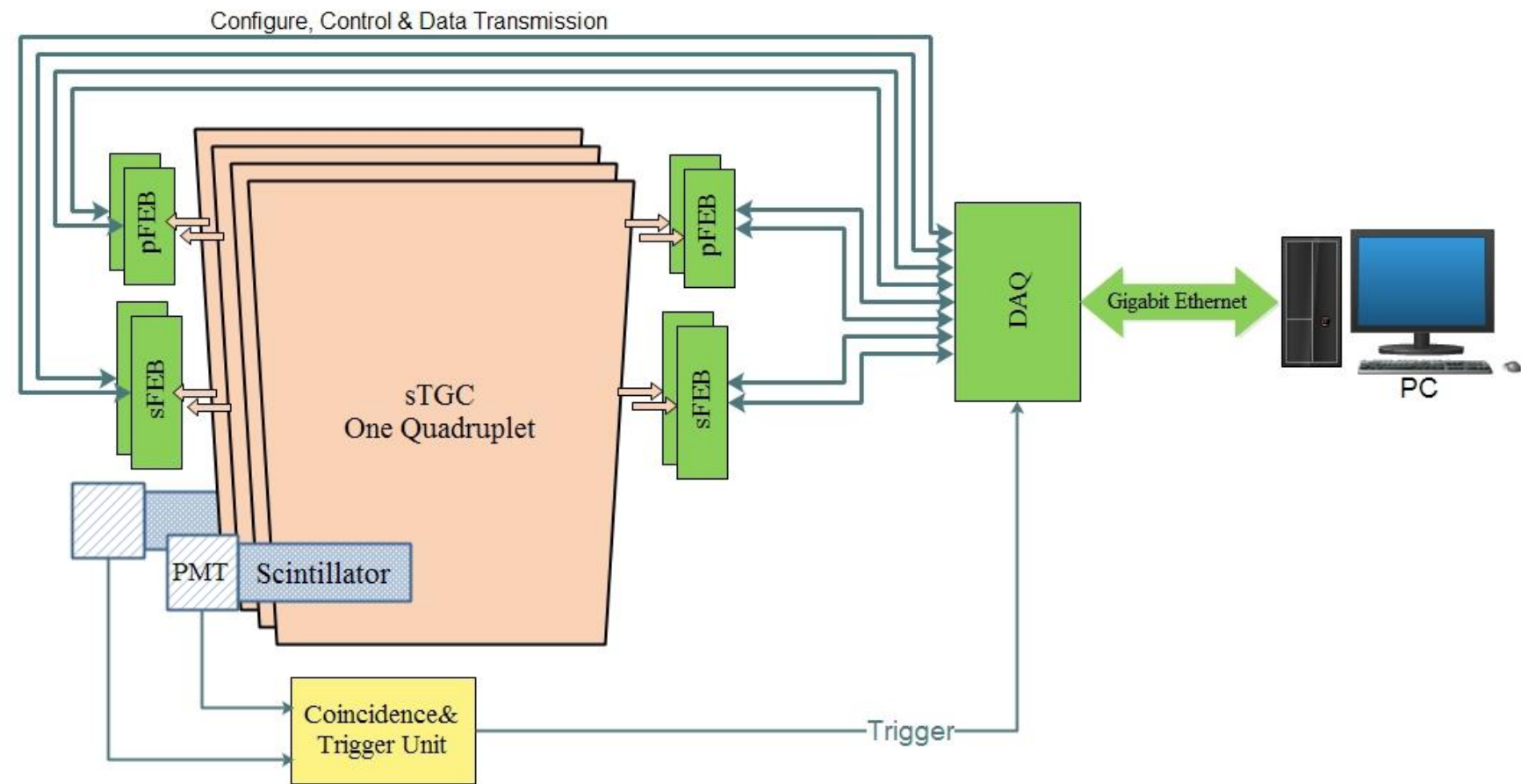
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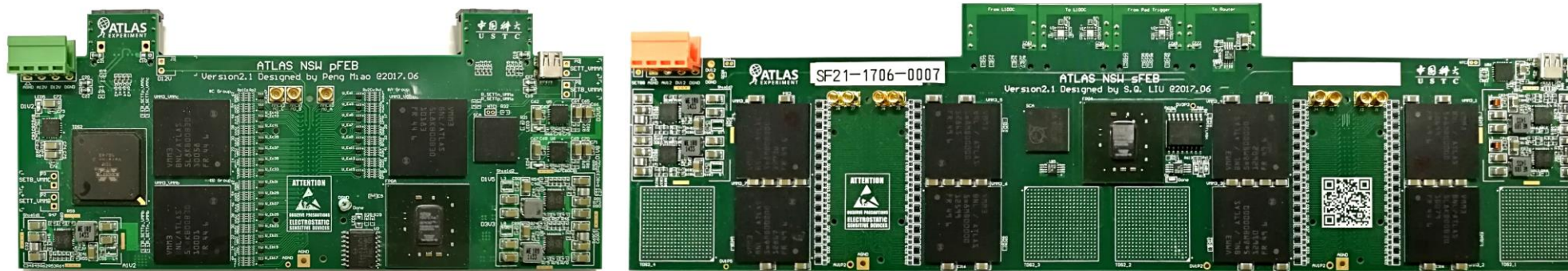


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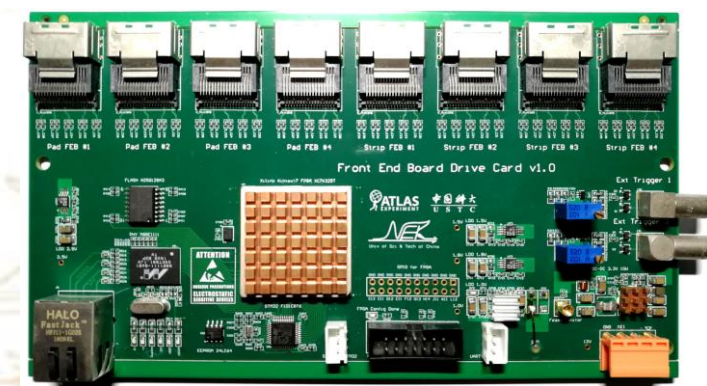


Multi-layer coincidence with cosmic muon triggers  
Two pad layers coincidence(left), four pad layers coincidence(right).

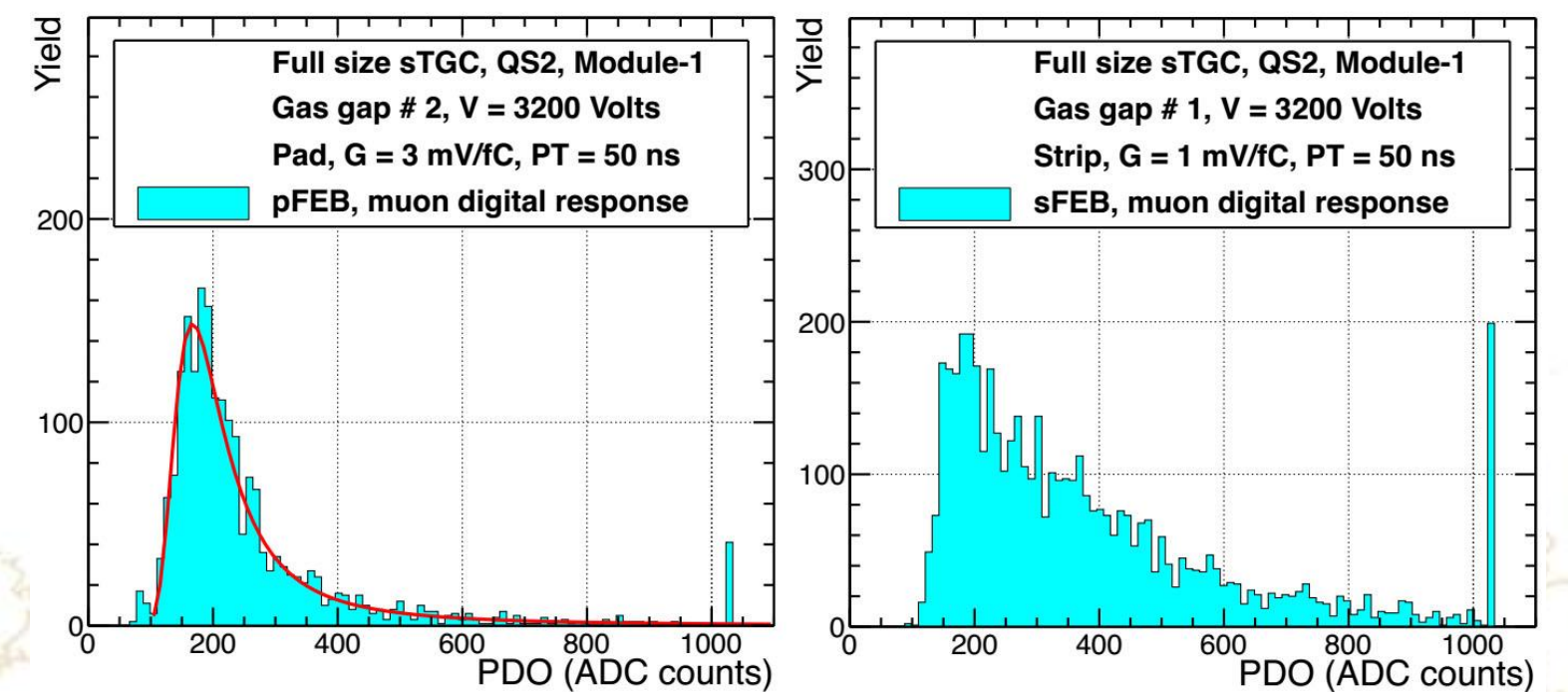
Schematic of the readout system for sTGC prototype



Picture of the pFEB(left) and sFEB(right)



Picture of the DAQ board



Charge spectrum of Pad(left) and Strip(right), measured by this readout system.





# Thanks

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