

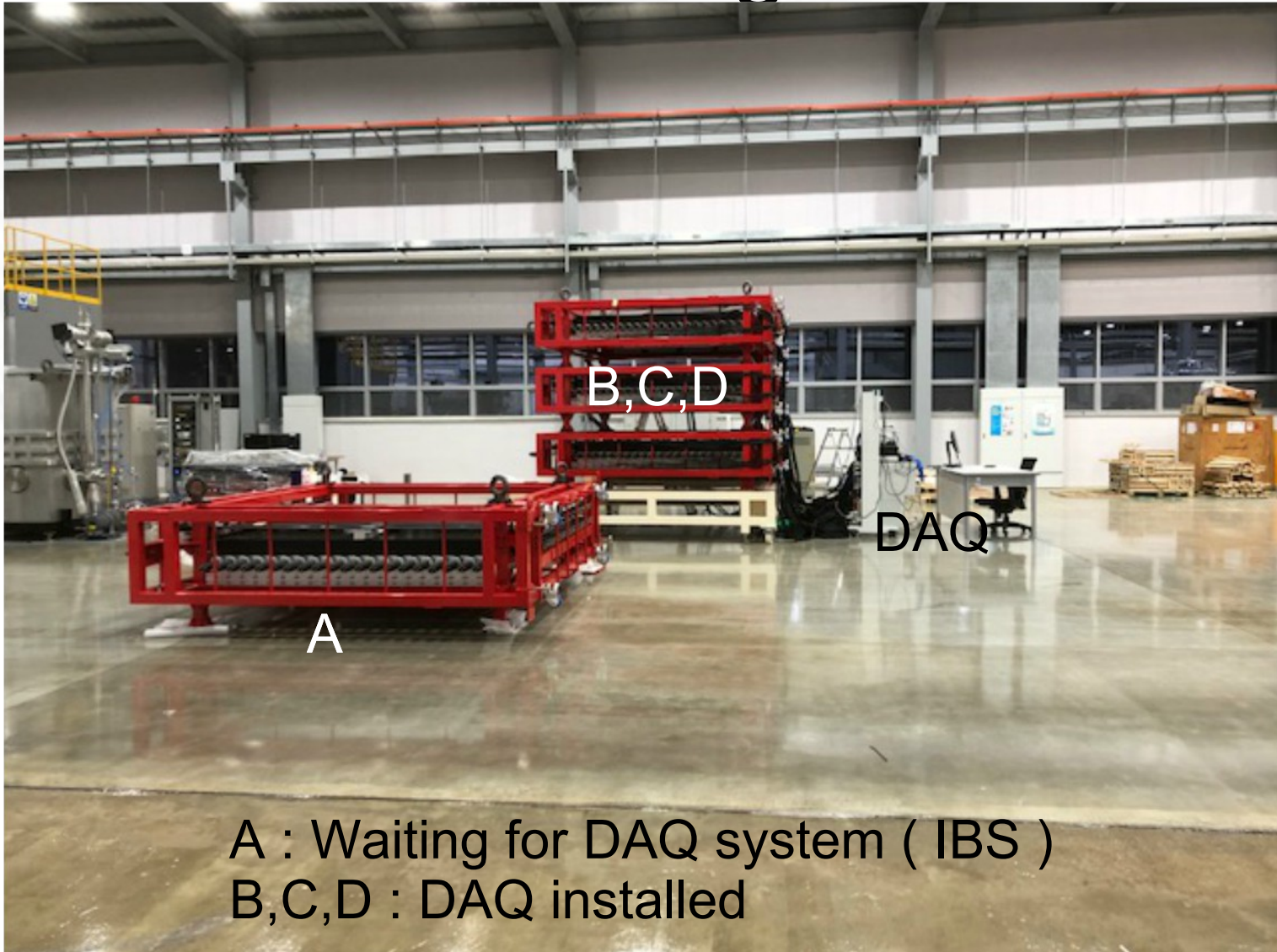
Neutron detector status

Lee Jongwon

Status overview

- Cabling : done for layer B, C, D
- DAQ hardware : Prepared for layer B, C, D
- DAQ software : Prepared (Network control ver.)
- DAQ monitoring : under building
- Storage : 50TB (raid4,size for 1 yr. cosmic data)
- Trigger module : under studying (IBS, Notice)

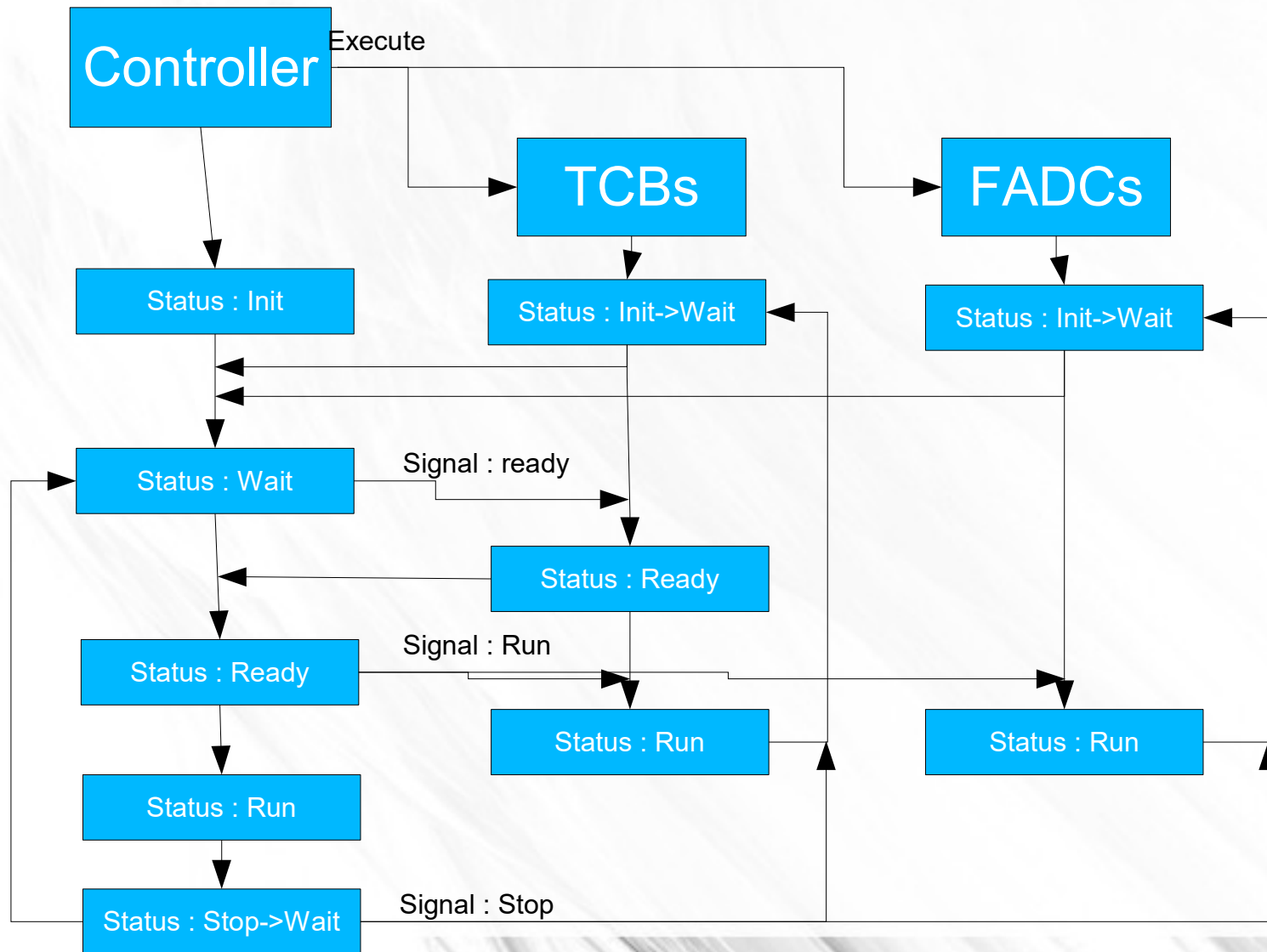
Cabling



DAQ for multiple layers

- Old setup : 1 PC, 1 TCB and 15 FADC(120ch) Boards
- Current setup : 3 PC, 3 TCB and 30 FADC(240 ch) Boards
- Full setup : 4 PC, 4 TCB, 360 channel
- Multi Process DAQ → Multi PC & Process DAQ including synchronizing TCBs

DAQ for multiple layers(2)



Environment monitoring tool

- Environment monitoring system : time order data
- Grafana(display) + Promethoeus(data base) system
- Good for displaying time-order data
- Various displaying options

