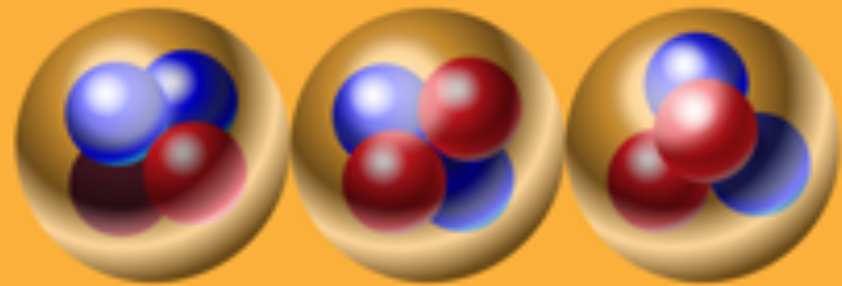
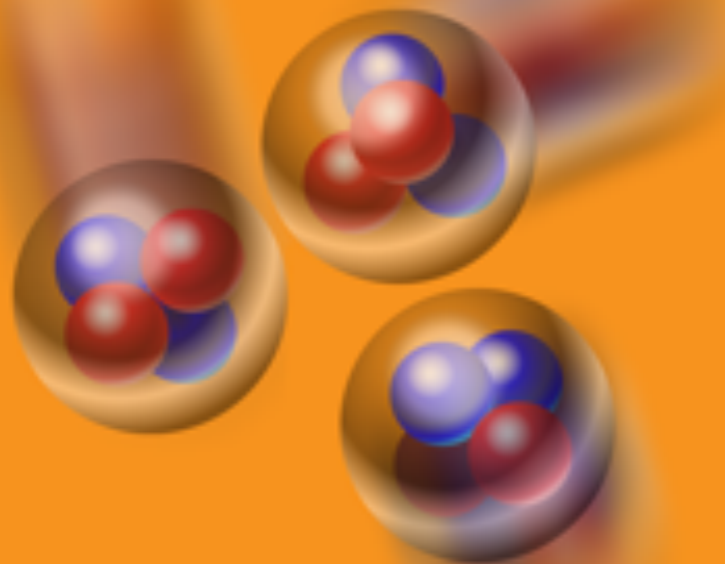


status of ATTPC



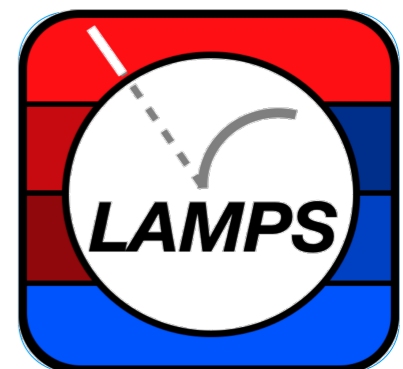
Outline

- Status of prototype ATTPC
- Design for main experiment

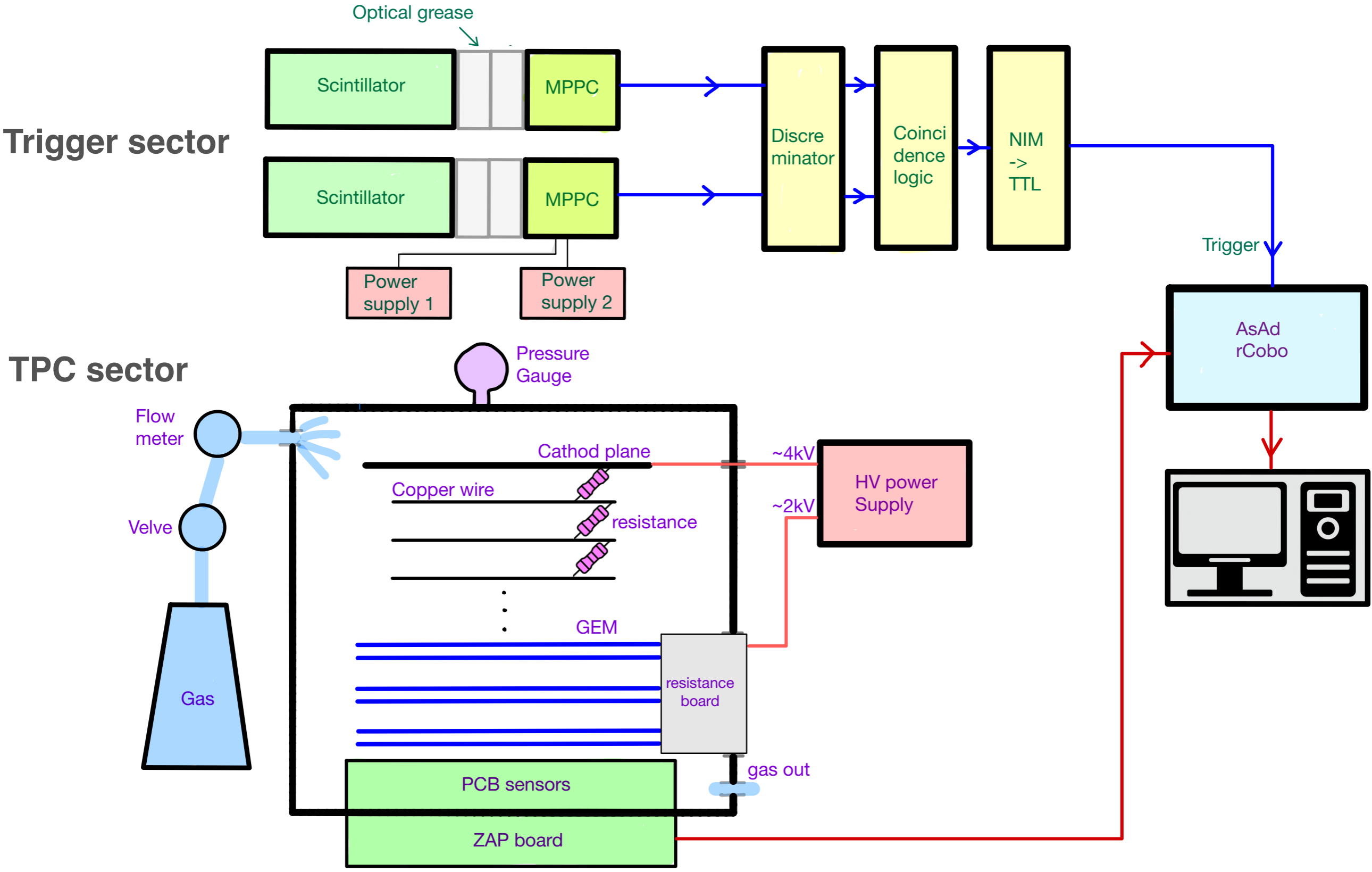


Courtesy of APS

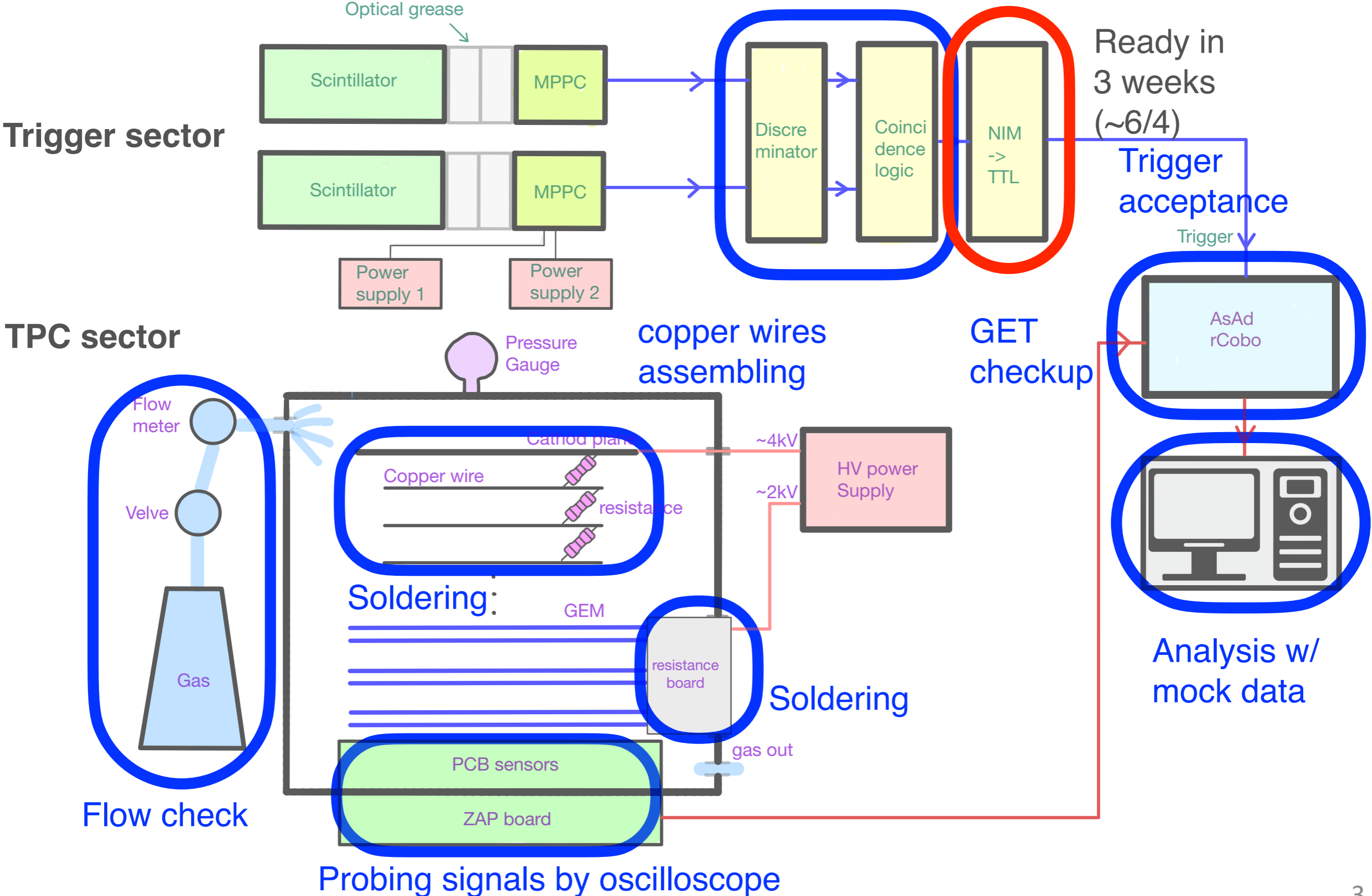
Yongsun Kim
LAMPS meeting
2020.5.15



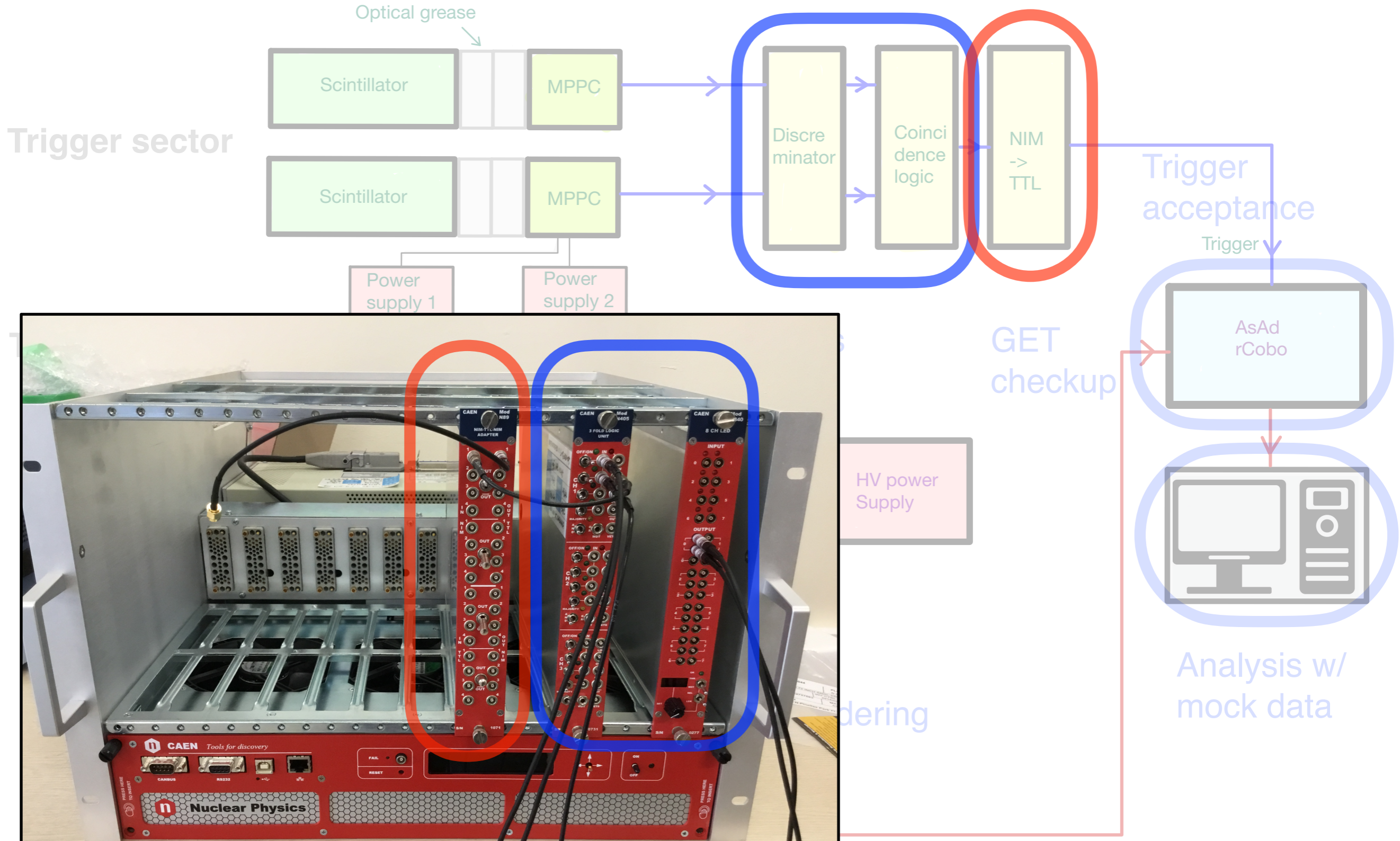
Schematic design of prototype detector



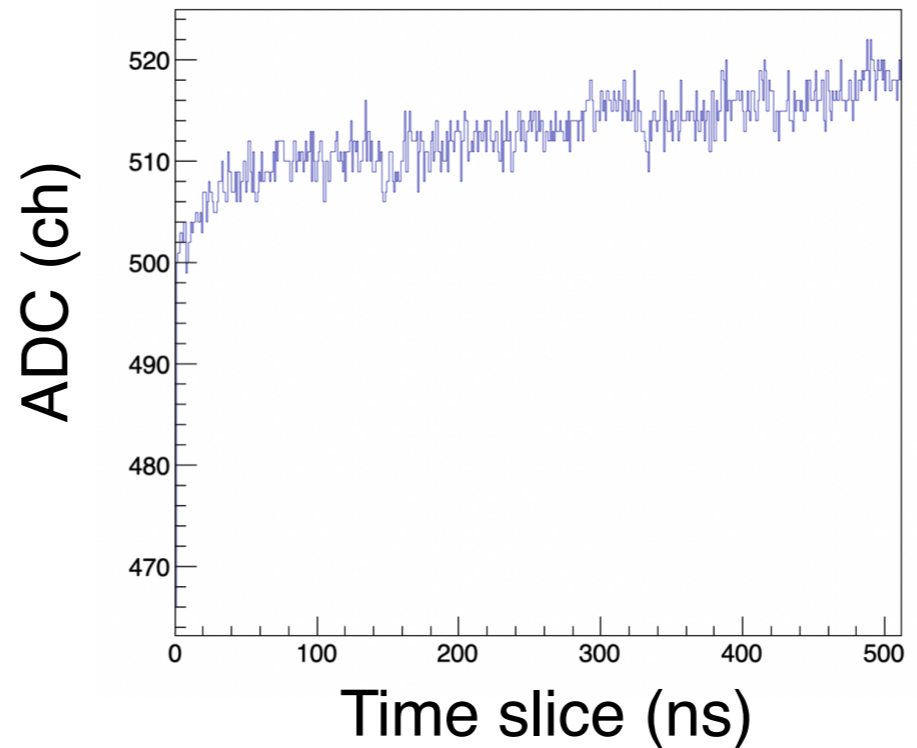
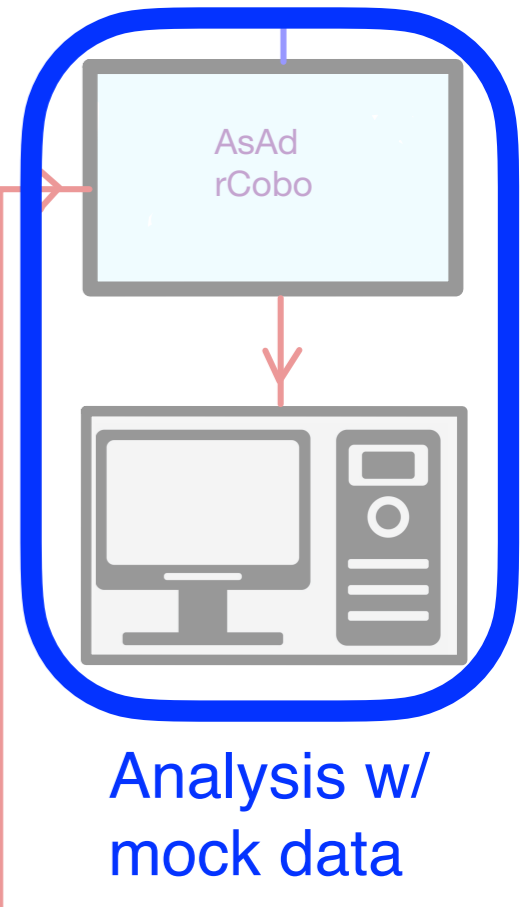
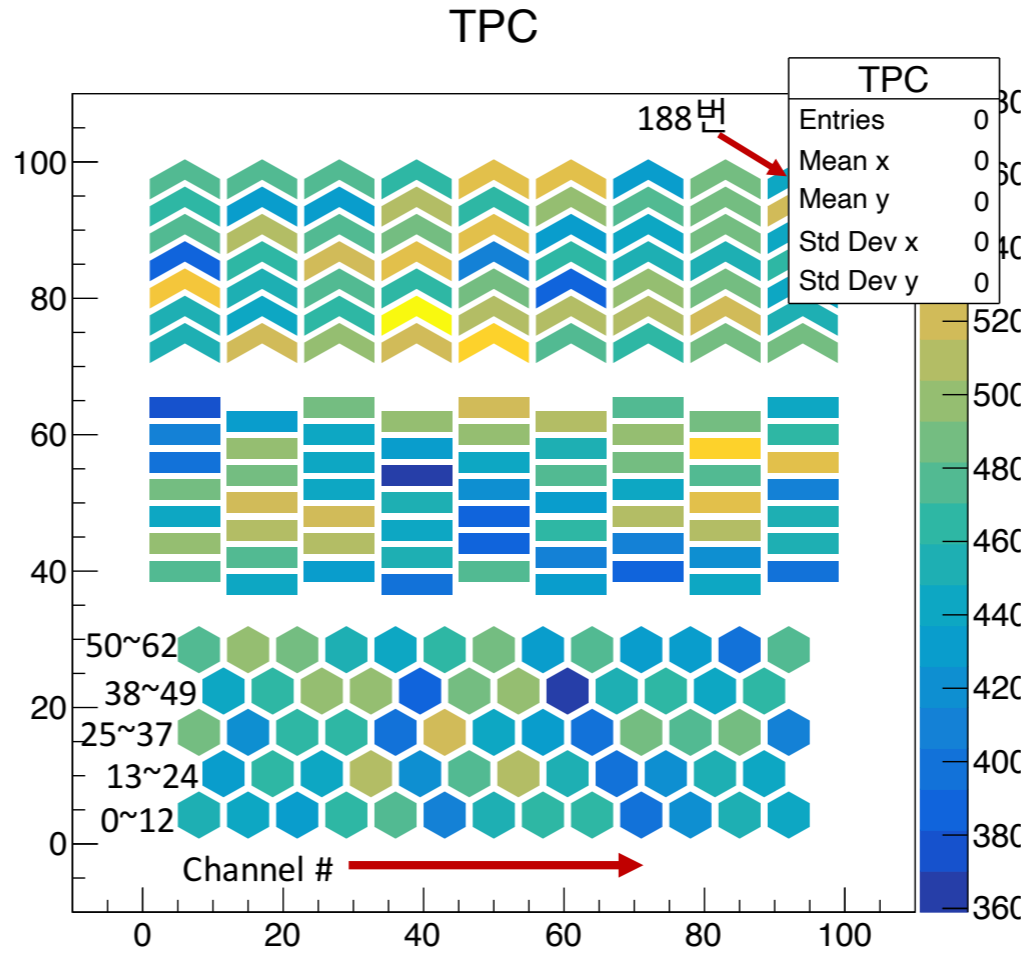
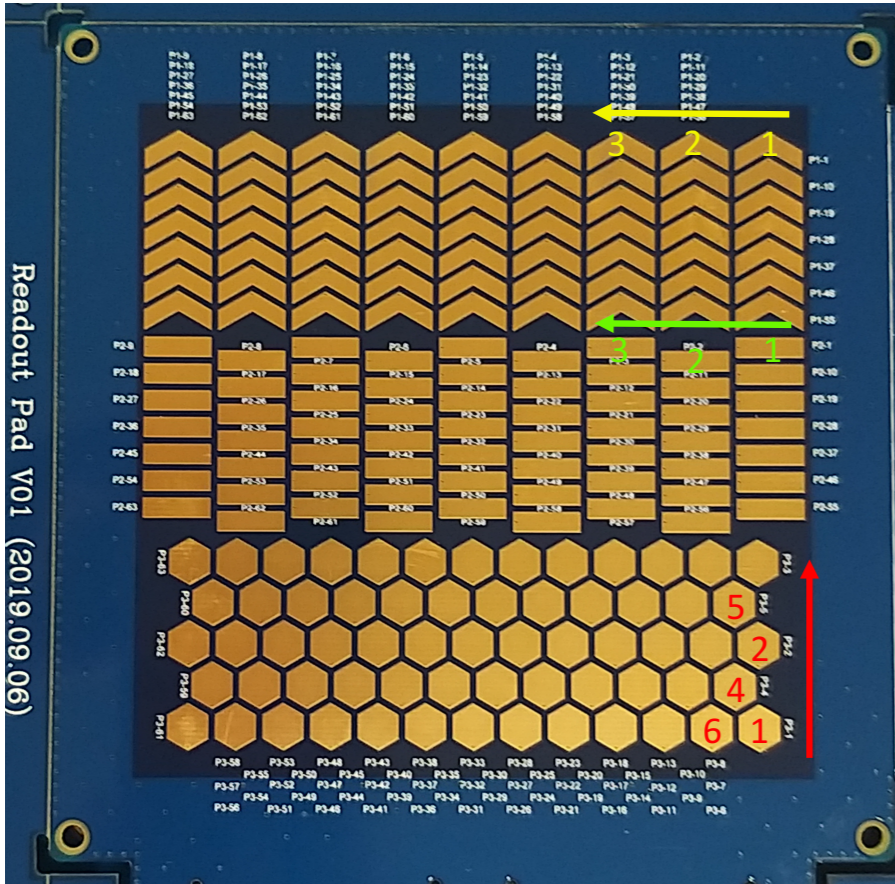
Items to be setup and tested



NIM modules

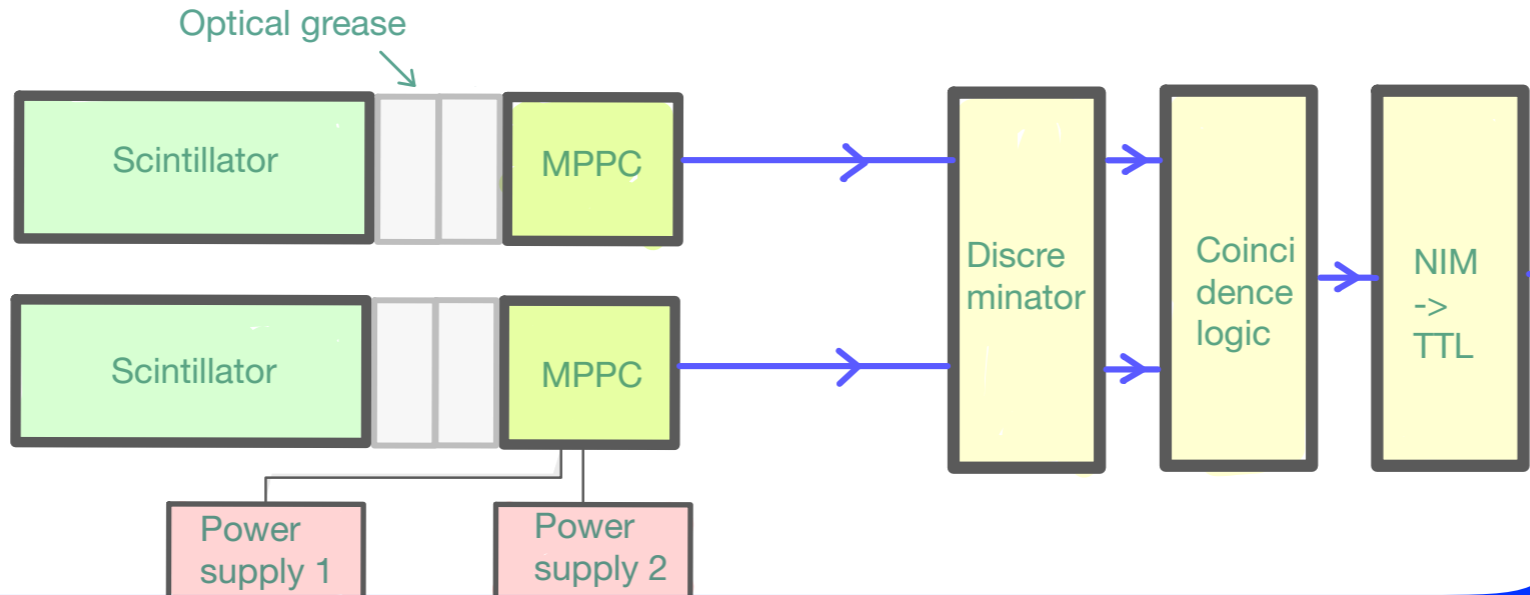


Items to be setup and tested

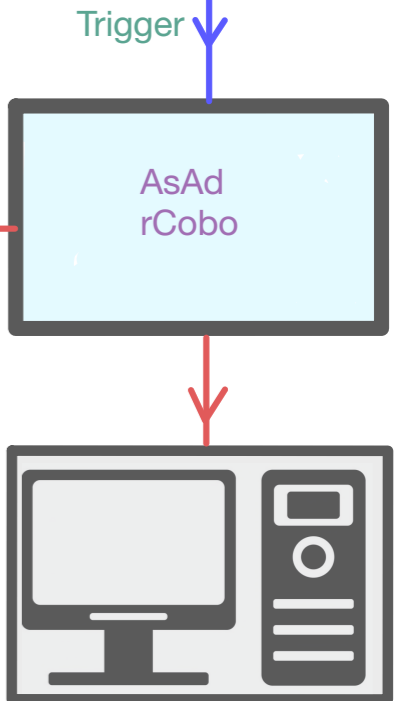
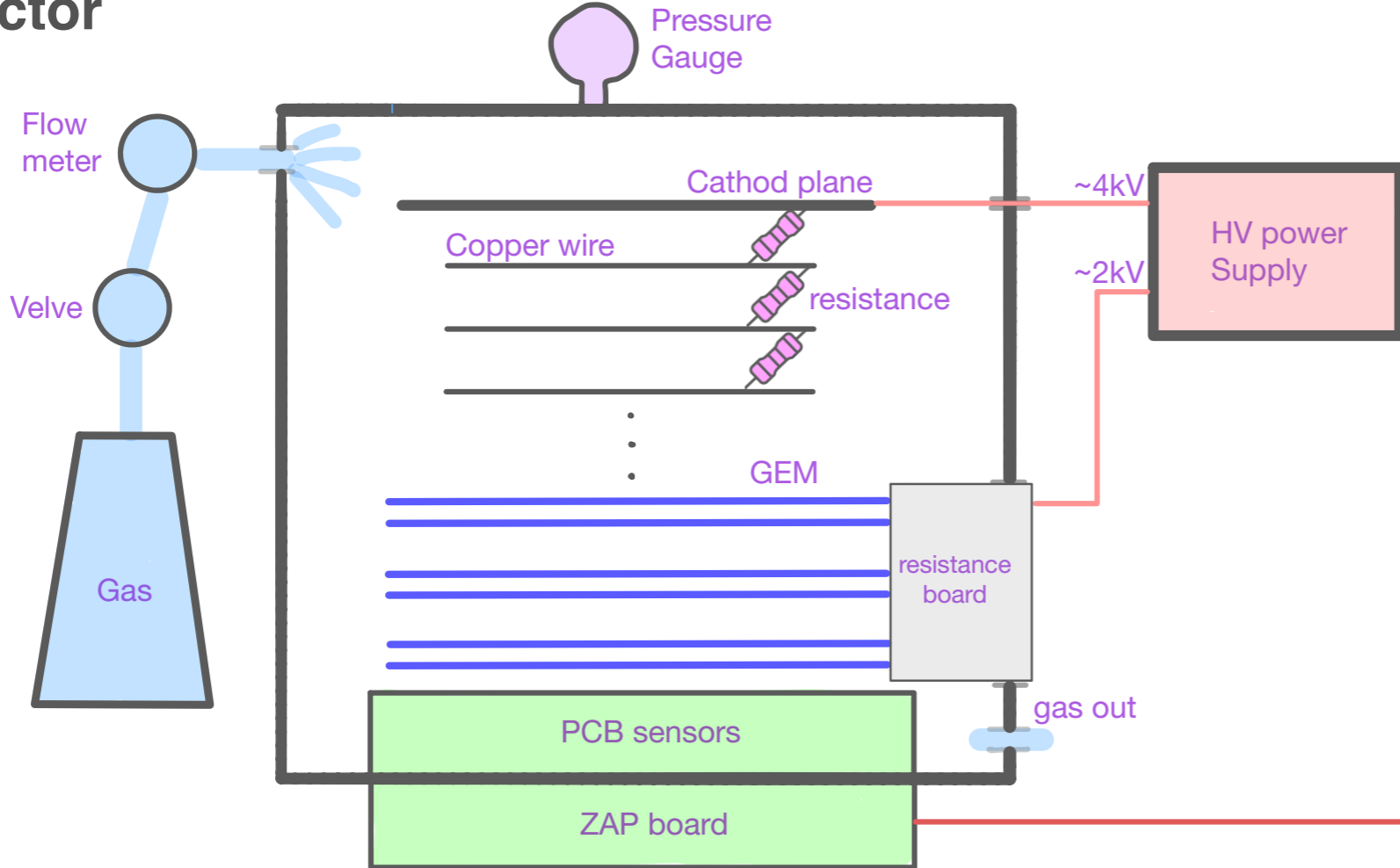


Items to be setup and tested

Trigger sector

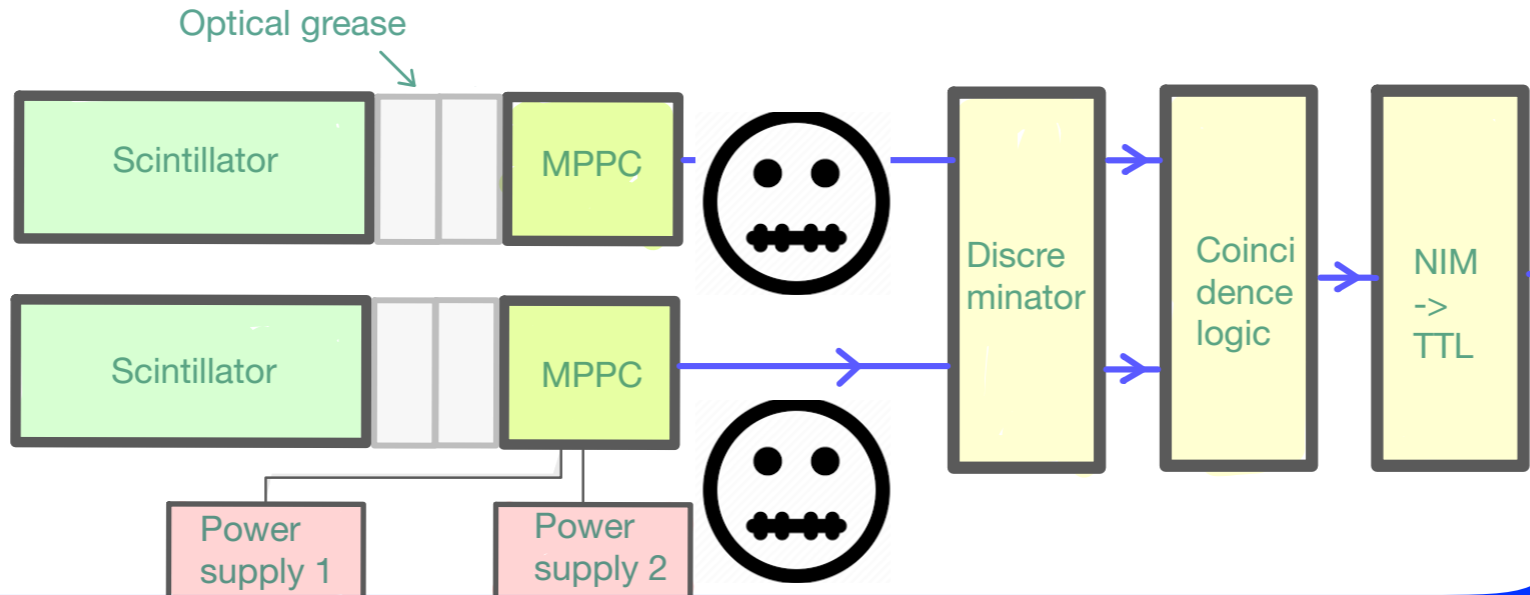


TPC sector

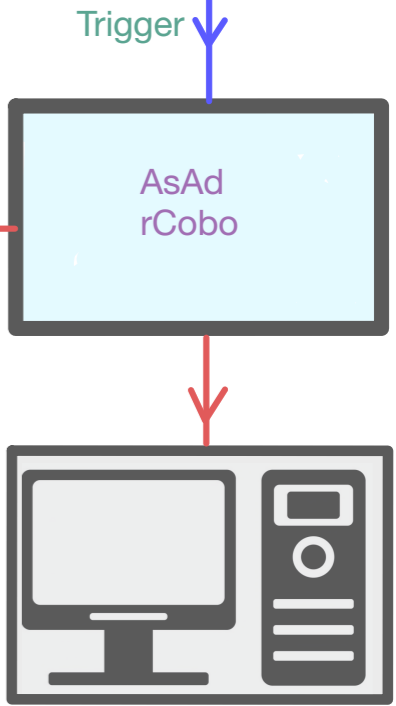


Items to be setup and tested

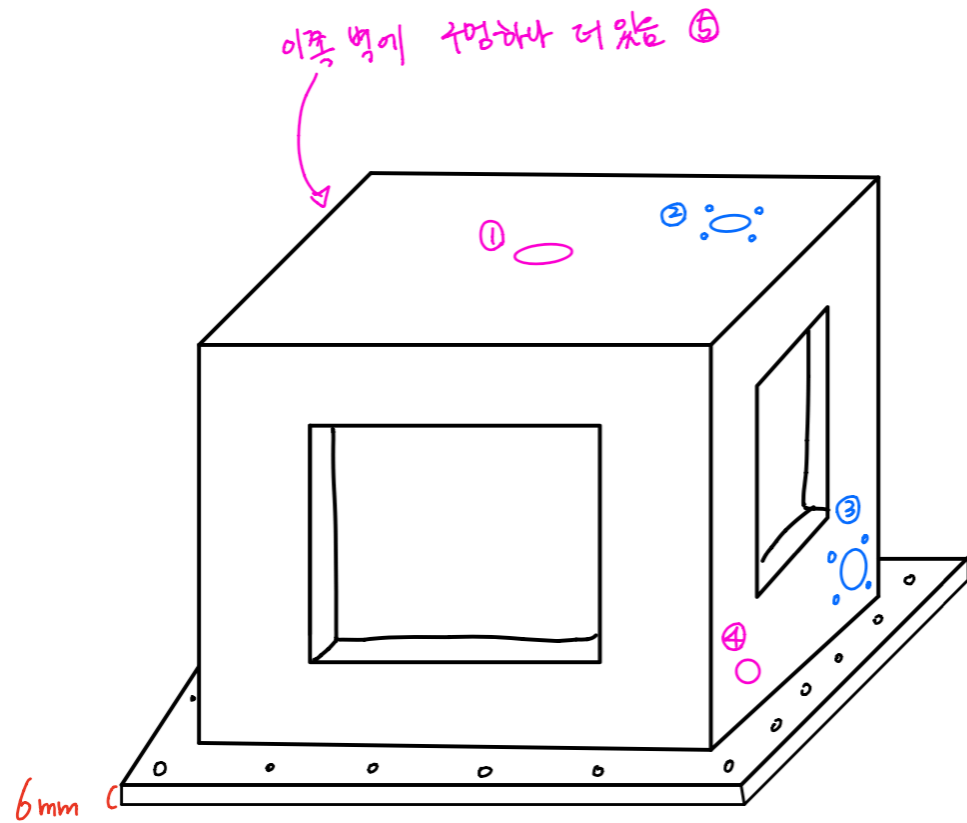
Trigger sector



MPPC will be replaced by PMTs

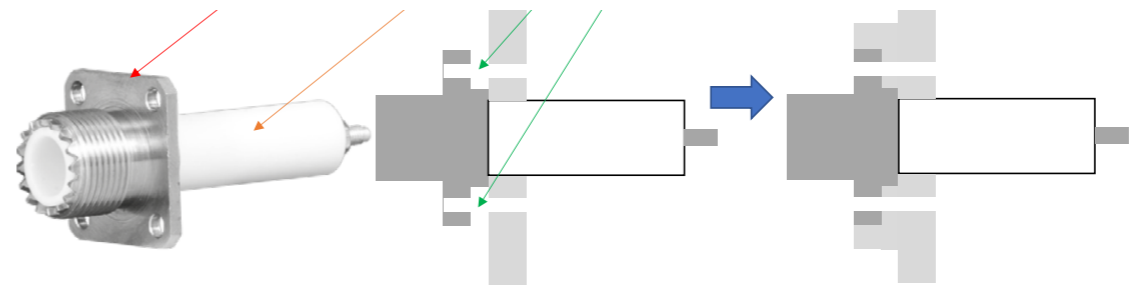
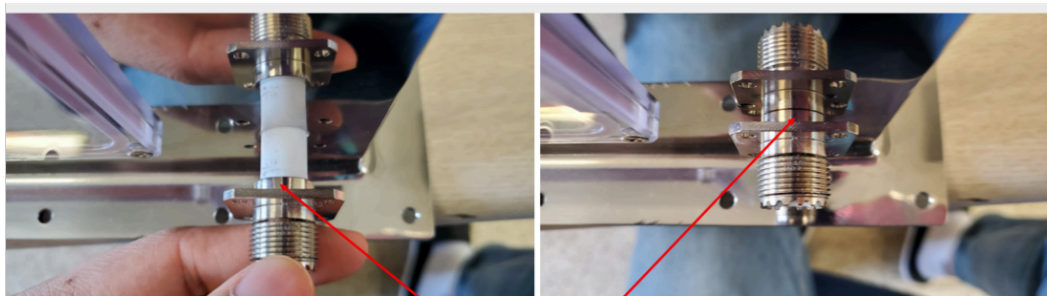
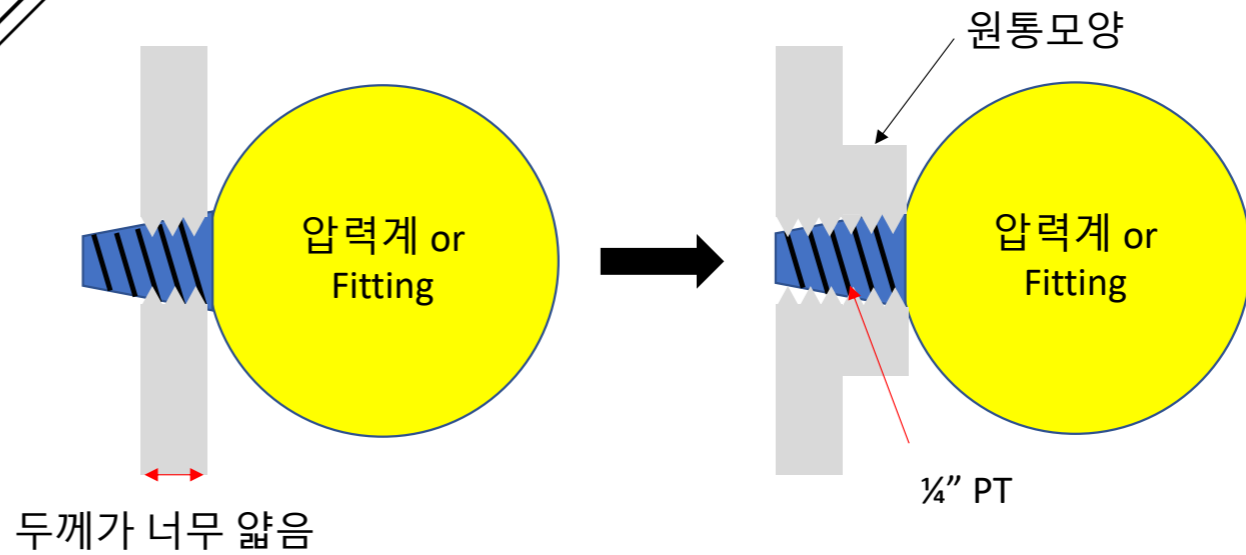


Status of gas chamber



- ① 기압계 1/4" PT 규격
- ② & ③ HV Cable
- ④ & ⑤ Gas in/out 1/4" PT Fitting

- * The hole for the pressure gauge is slightly off from the standard 1/4" PT size, so we decided to use an adapter.
- * Welding for aluminum board need adapter to cope with the short thickness
- * Similar modification for the HV cable path



* High-voltage cable path