

# Q-Wall 2024 -- August 7<sup>th</sup> -14<sup>th</sup> Program

## Detectors:

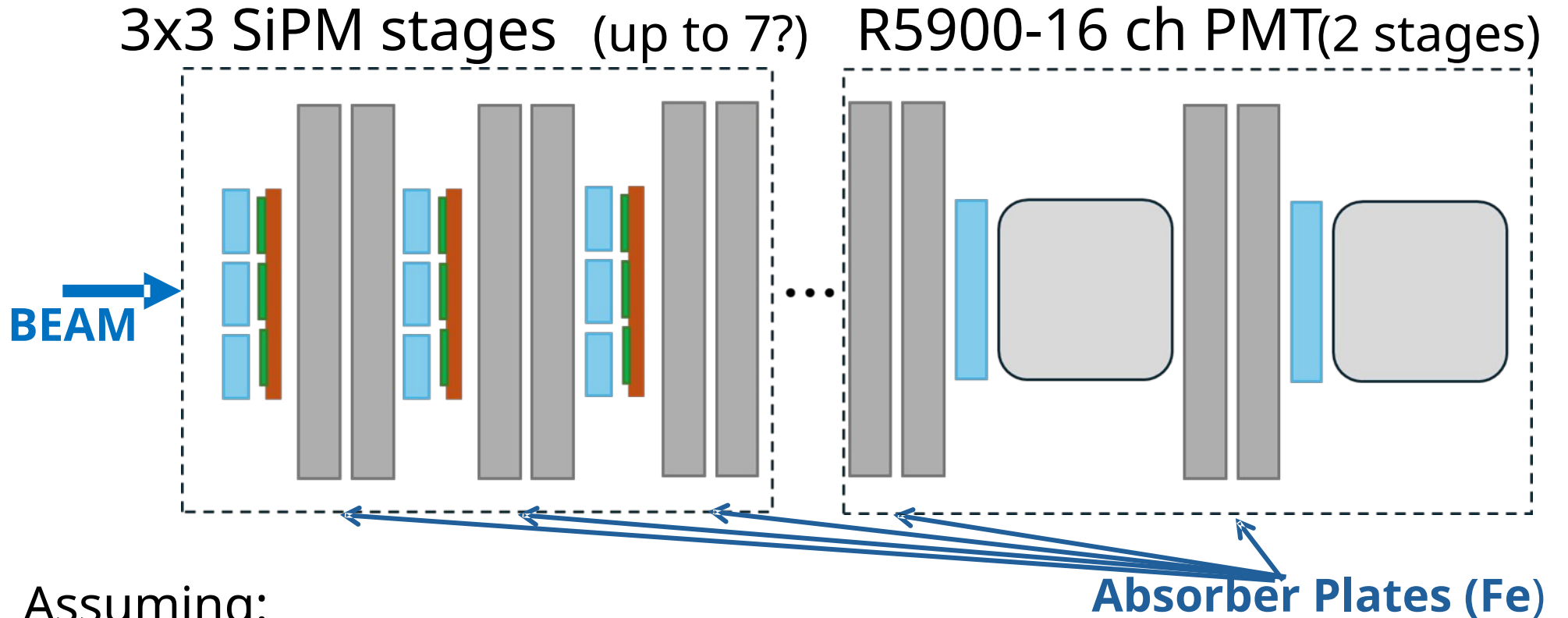
- Si-PM
- R5900 PMT

## Read-out:

- VME ADC
- Pulse digitizer(s)

We will be using big XY table at H2, whole setup + DAQ crates etc will be installed on that table. Separate NIM crate for trigger  
Beams – various energy electrons, pions

# Setup- Q-Wall 2024



Assuming:

Lateral shower containment ( $\geq 90\%$ ) in  $\pm 1X_0$  area ( $R_M \approx 1X_0$  in Fe)

Electron beam energy sufficiently large ( $>40$  GeV/c ?)

Shower Max ( $\approx 6-8 X_0$  in Fe)

**Assemble multistage module with typ. absorber  $2X_0$ /stage  
2 (titable/interchangeable) segments (SiPM/PMT)**