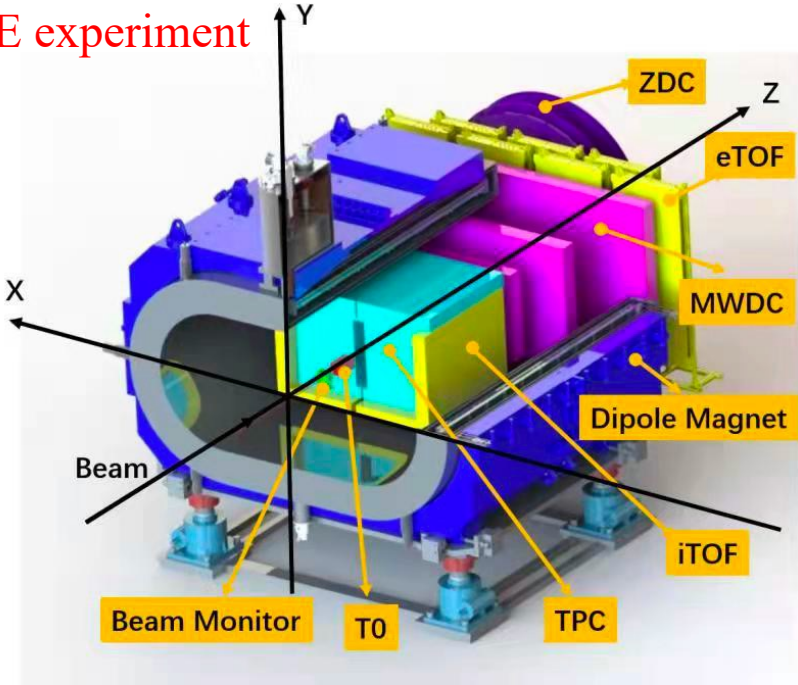
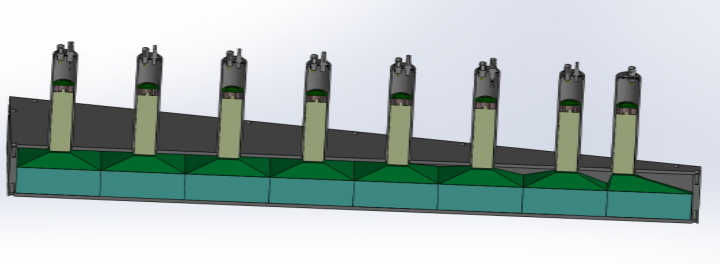


ZDC introduction

CEE experiment



ZDC sector module



ZDC physics goal:

- Reconstruct event plane with high resolution
- Determine event centrality offline

ZDC system:

- Scintillator (BC-408) + light guide + PMT (Hamamatsu): 192 modules, 384 readout channels (two dynodes output each)
- CSP + ADC readout electronics

ZDC geometry:

- $z = 299 \text{ cm}$
- $R_{\text{inner}} = 5 \text{ cm}, R_{\text{outer}} = 100 \text{ cm}$
- $1.92 < \eta < 4.89$
- 24 sector modules, 8 modules for each sector modules (8 rings)

