

### EM calorimeter

CsI(Tl), waveform sampling electronics (barrel)  
Pure CsI + waveform sampling (end-caps) later

### Vertex Detector

PXD: 2 layers Si pixels (DEPFET),  
**SVD: 4 layers double sided Si strips (DSSD)**

### Central Drift Chamber

He(50%):C<sub>2</sub>H<sub>6</sub>(50%), smaller cell size,  
longer lever arm,  
fast electronics

7.4 m

### K<sub>L</sub> & $\mu$ Detector

Resistive Plate Counter (barrel outer layers),  
Scintillator + WLSF + MPPC (end-caps, inner 2 barrel layers)

7.0 m

### Particle Identification

Time-of-Propagation counter (barrel),  
Proximity focusing Aerogel Cherenkov Ring  
Imaging detector (forward)

*positrons (4 GeV)*

*electrons (7 GeV)*

