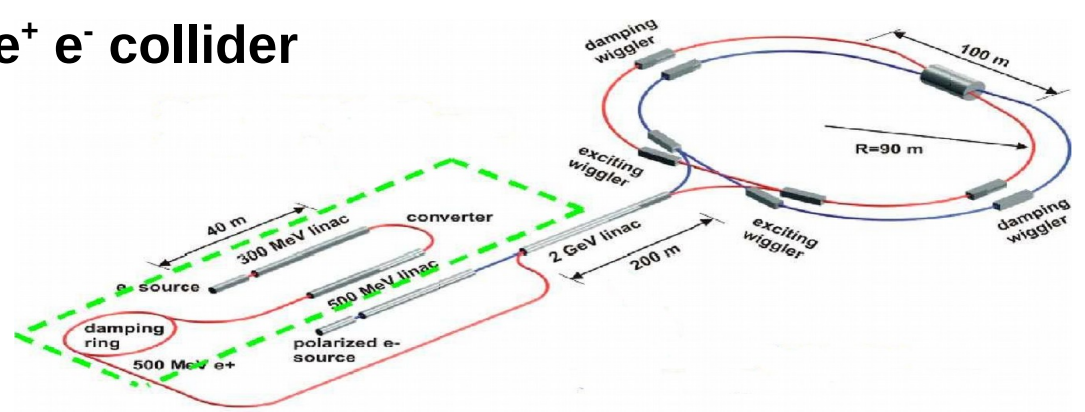


- Double ring collider with crab waist
- CM energy from 2 to 6 GeV
- $L = 10^{35}$  at 2 GeV
- Beam size at IP:  $20 \times 0.2 \mu\text{m}$
- Longitudinal polarization of  $e^-$

## $e^+ e^-$ collider

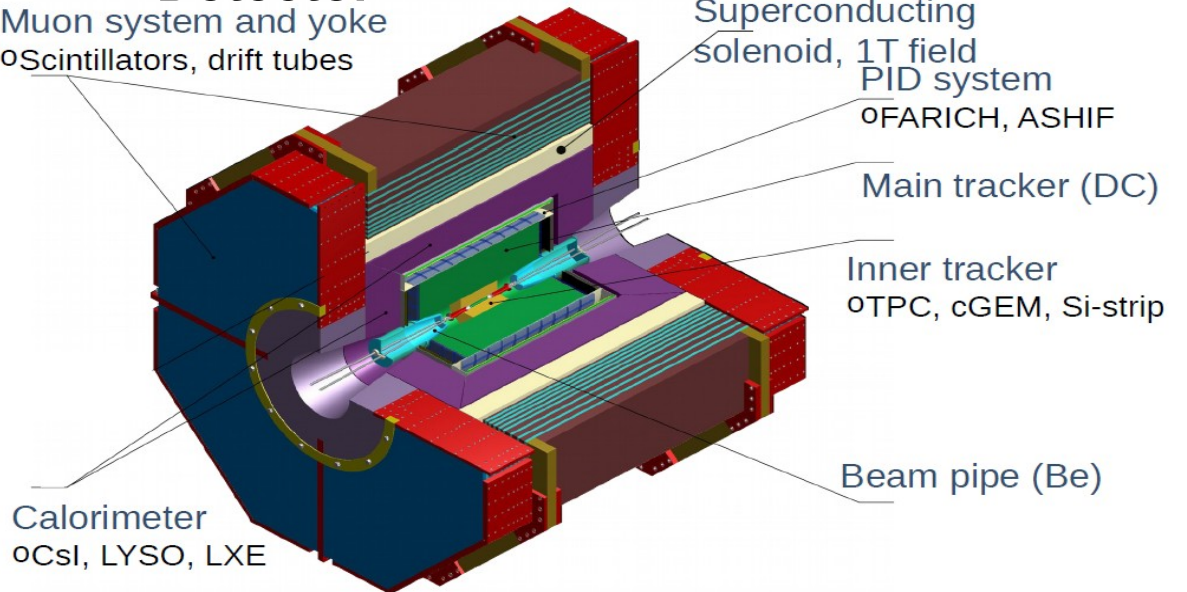


## Detector

### Requirements

- Occupancy up to 300 kHz
- Good energy and momentum resolution
- High reconstruction efficiency to soft tracks
- Perfect  $\pi/K$  and  $\pi/\mu$  separation
- Minimal  $\mathcal{CP}$  detector asymmetry

Muon system and yoke  
○ Scintillators, drift tubes



Calorimeter  
○ CsI, LYSO, LXE

Superconducting solenoid, 1T field  
PID system  
○ FARICH, ASHIF  
Main tracker (DC)  
Inner tracker  
○ TPC, cGEM, Si-strip  
Beam pipe (Be)