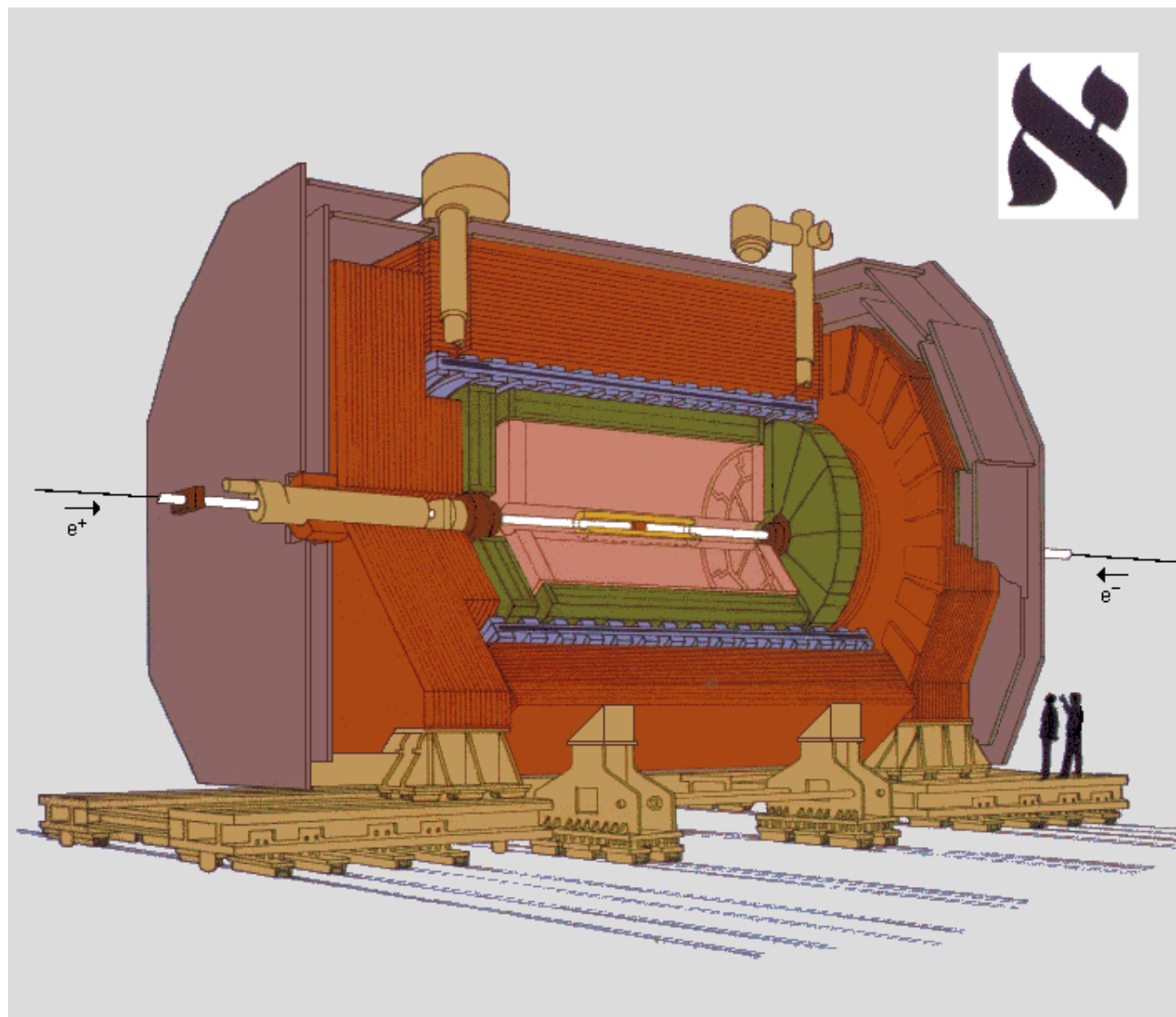


Experimental particle. physics

esipap...
European School of Instrumentation
in Particle & Astroparticle Physics

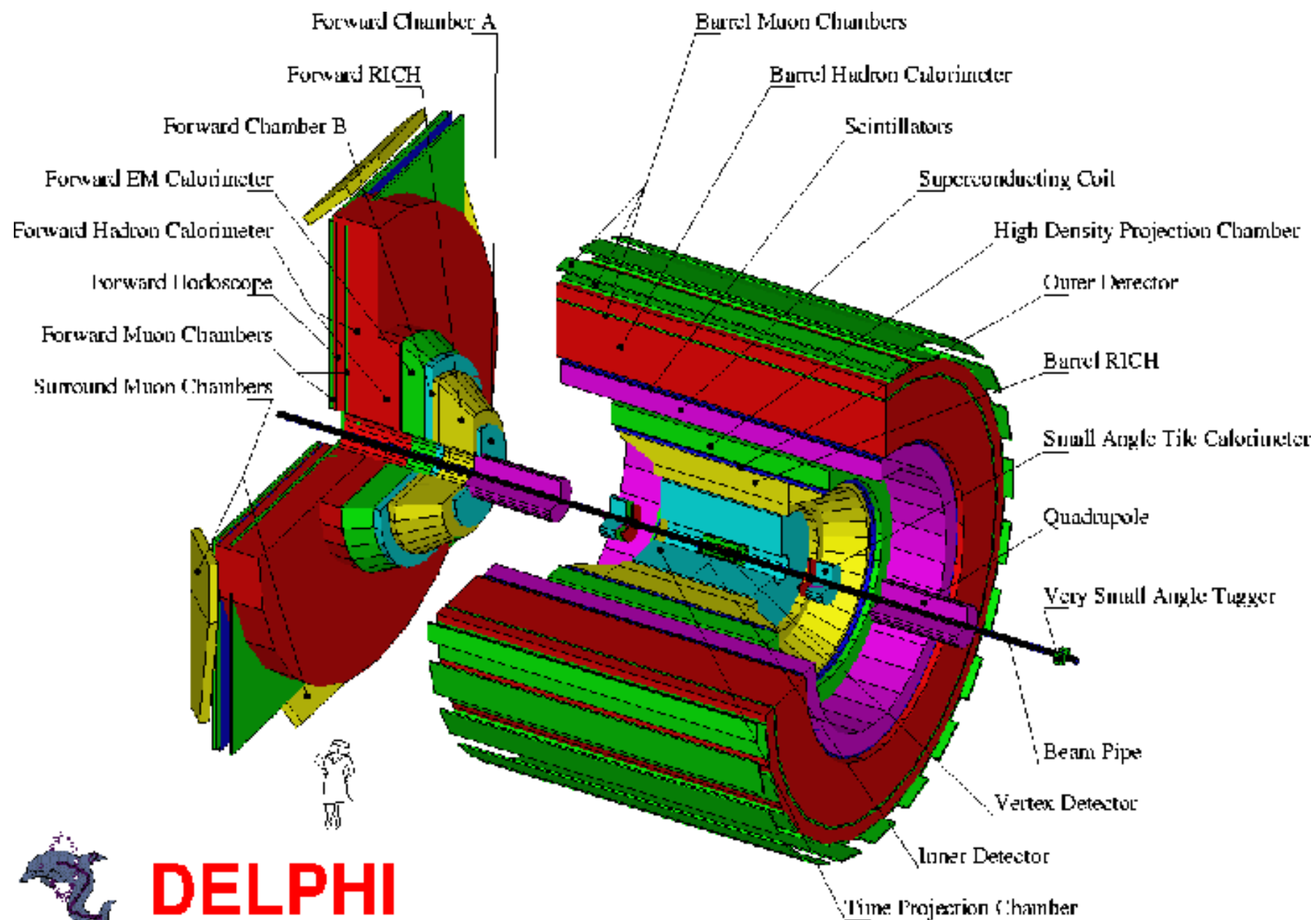
C.

analysis of
event displays

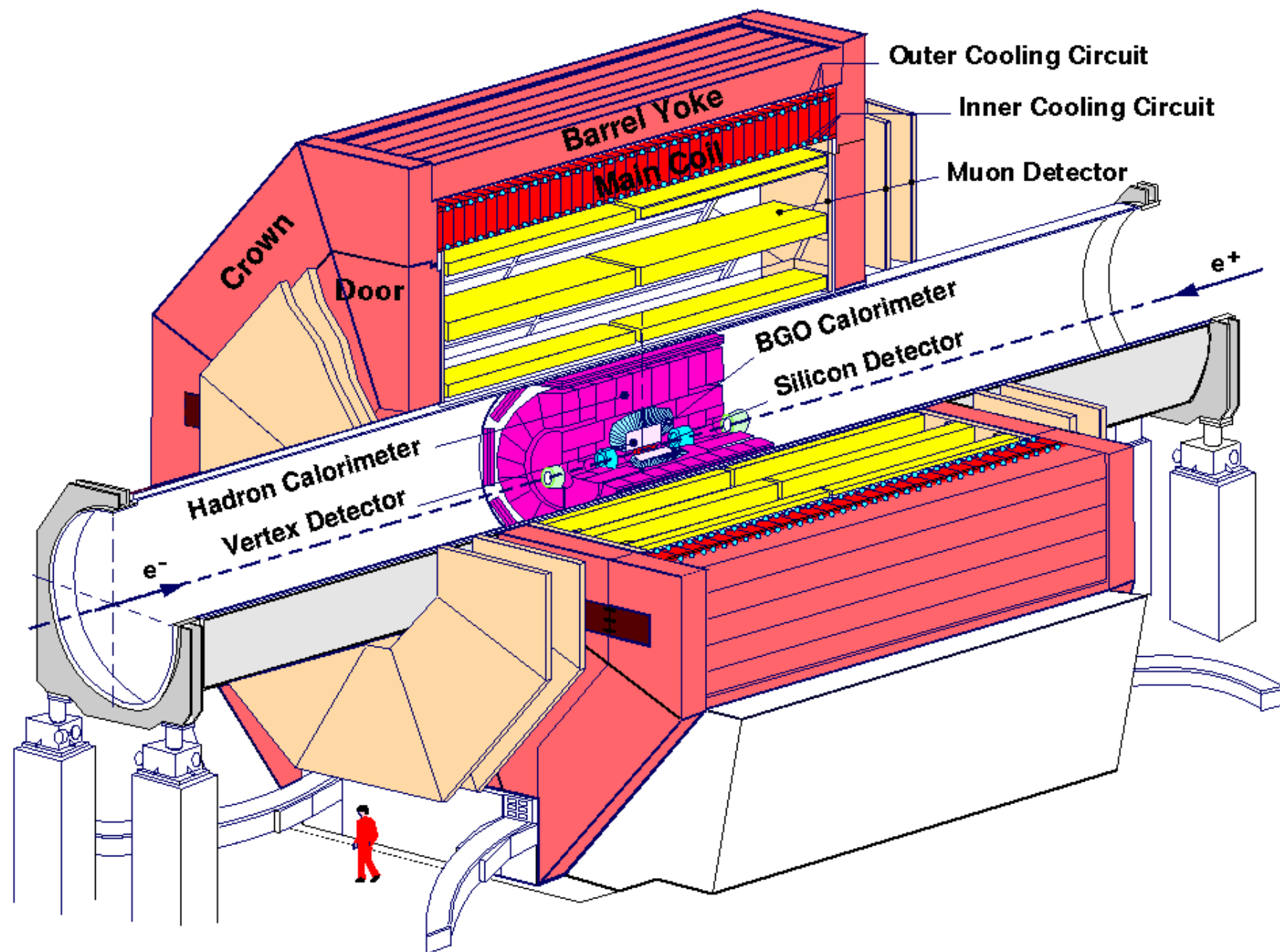


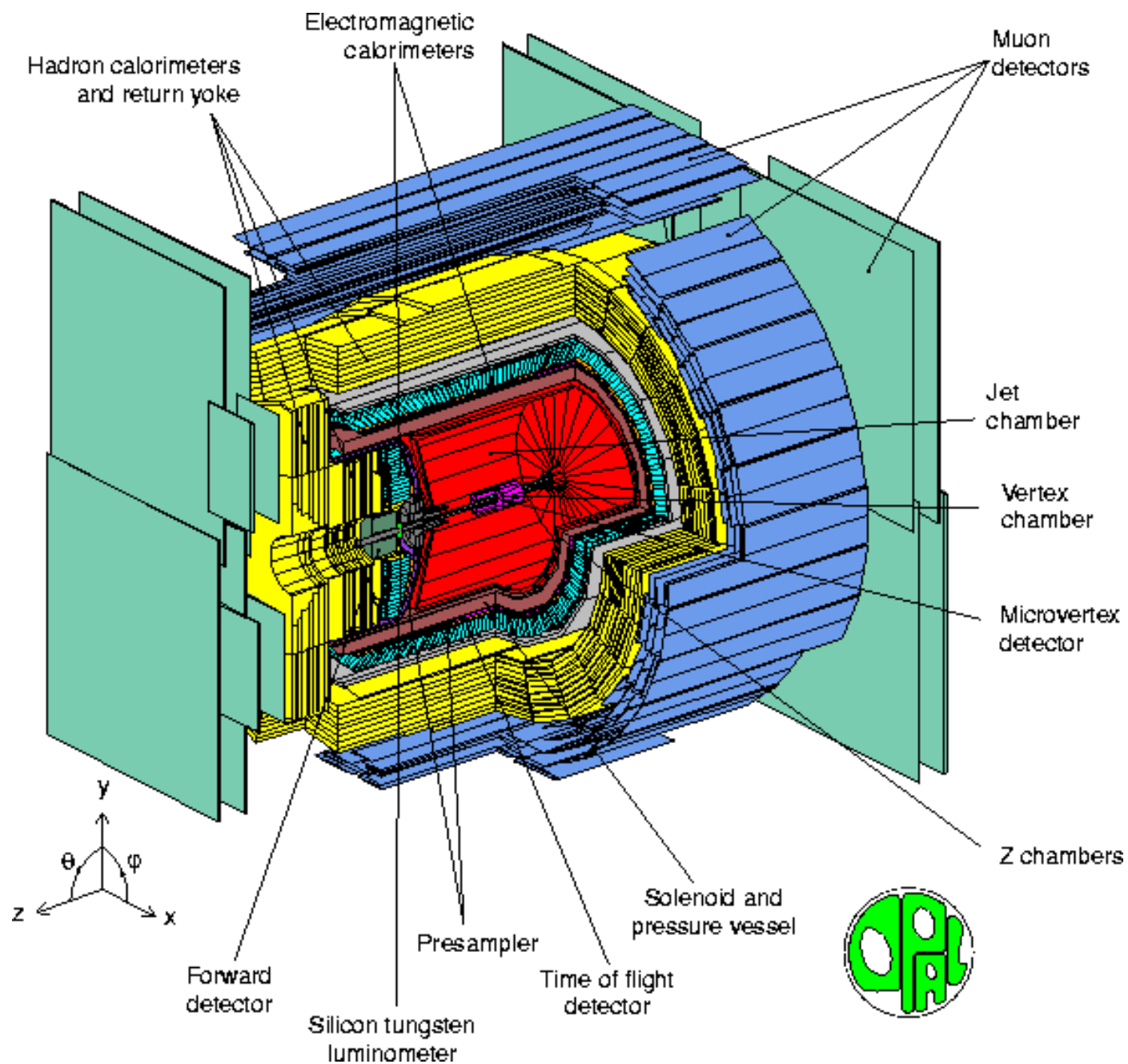
- Vertex Detector
- Inner Tracking Chamber
- Time Projection Chamber
- Electromagnetic Calorimeter
- Superconducting Magnet Coil
- Hadron Calorimeter
- Muon Chambers
- Luminosity Monitors

The ALEPH Detector



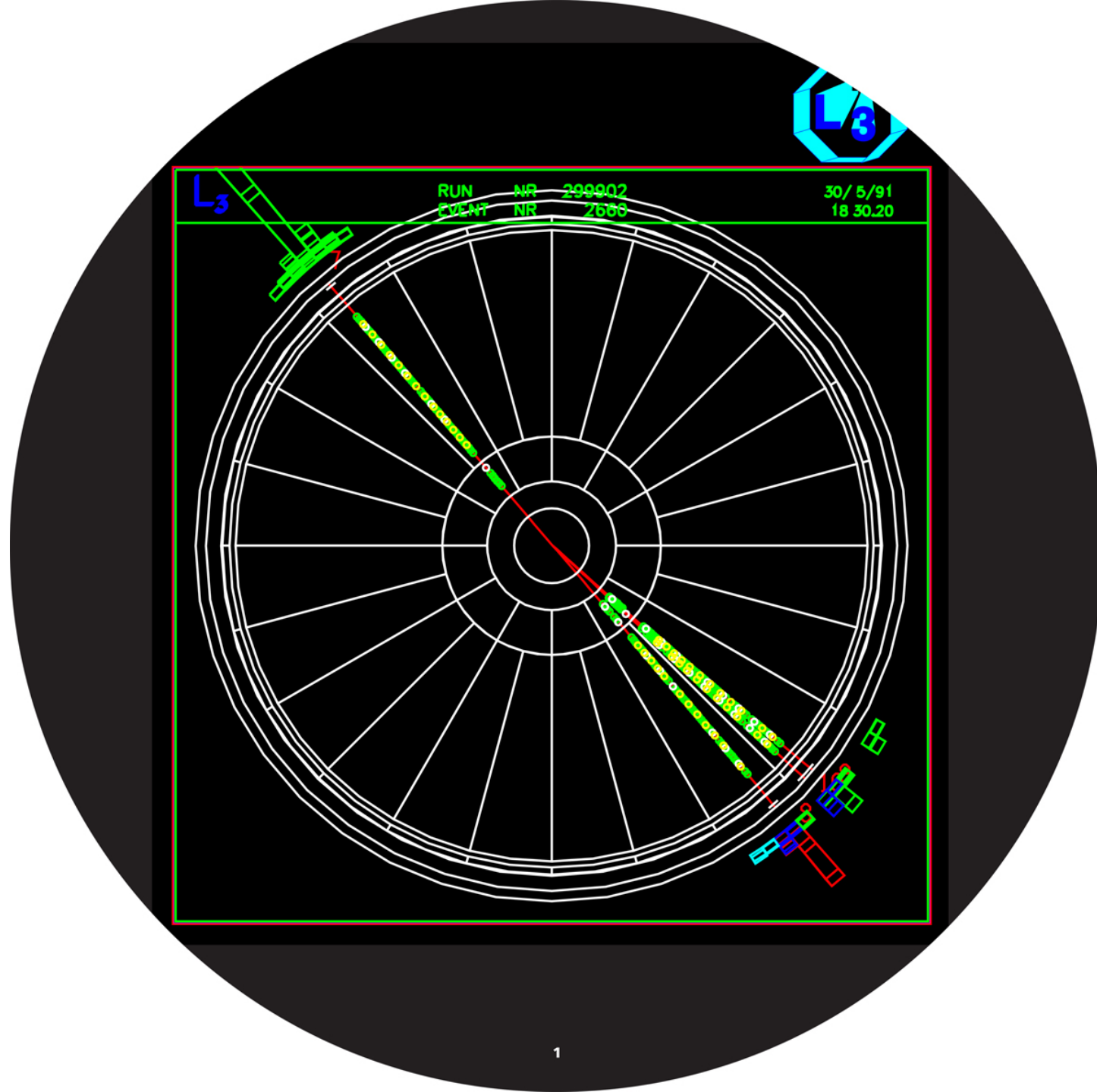
DELPHI

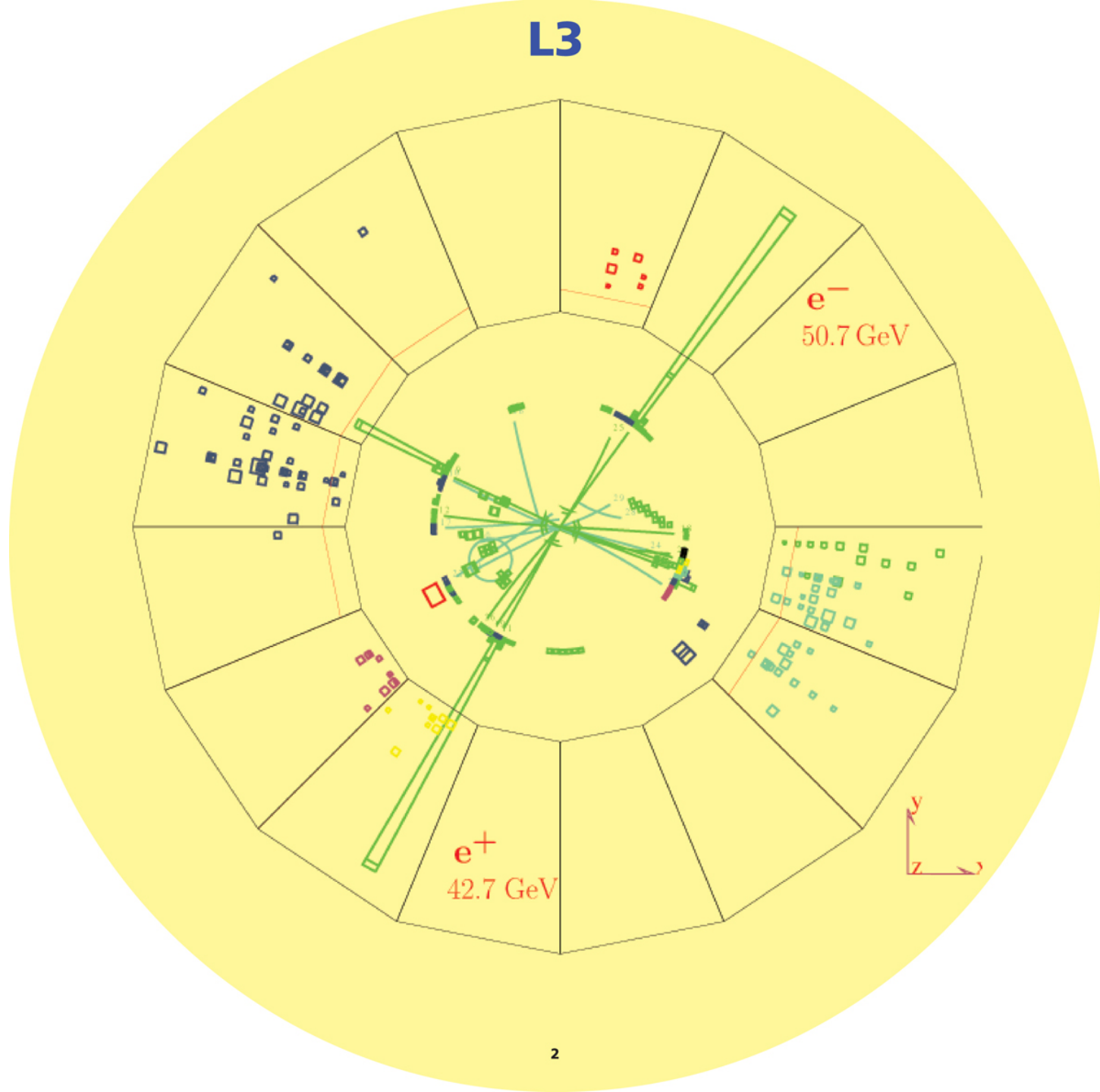


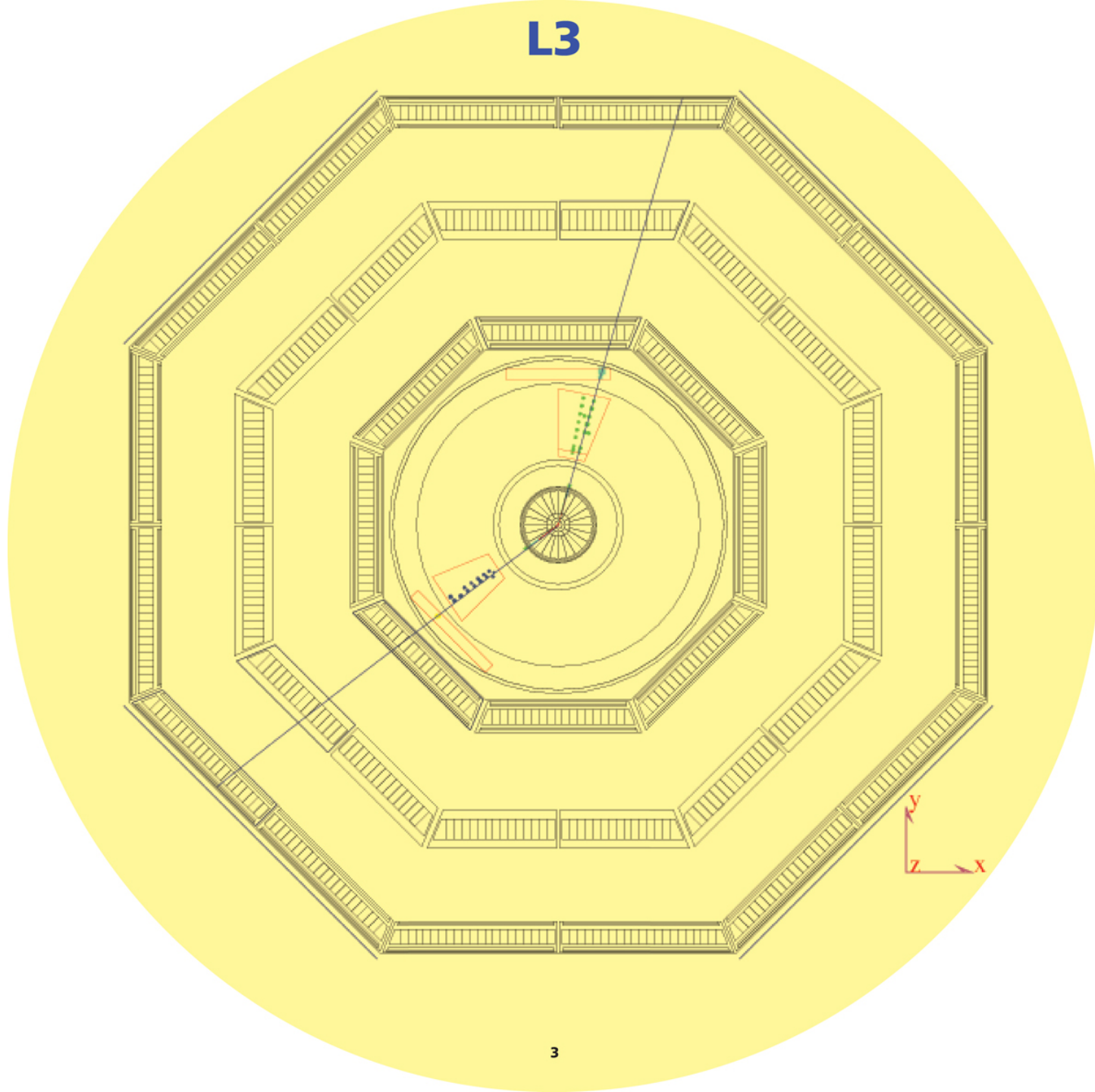


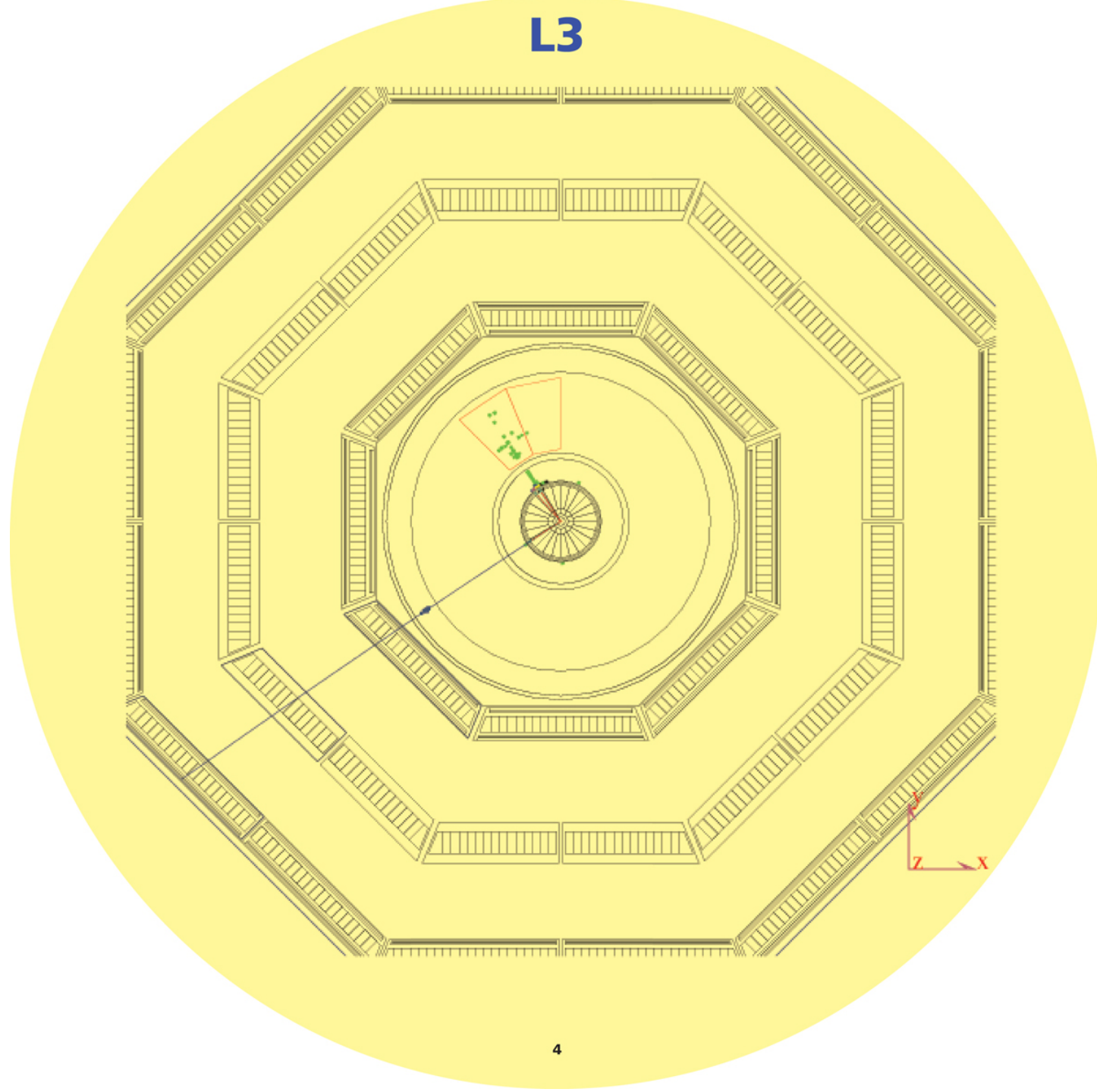
Event display game

- (A) $Z \rightarrow e^+ e^-$
- (B) $Z \rightarrow \mu^+ \mu^-$
- (C) $Z \rightarrow \tau^+ \tau^-$
- (D) $Z \rightarrow q \bar{q}$
- (E) $Z \rightarrow q \bar{q} g$
- (F) $ZZ \rightarrow e^+ e^- \mu^+ \mu^-$
- (G) $ZZ \rightarrow e^+ e^- q \bar{q}$
- (I) $WW \rightarrow e \nu \mu \nu$
- (L) $WW \rightarrow \mu \nu \mu \nu$
- (M) $WW \rightarrow \tau \nu \tau \nu$
- (N) $WW \rightarrow \tau \nu \mu \nu$
- (O) $WW \rightarrow e \nu q \bar{q}$
- (P) $WW \rightarrow \mu \nu q \bar{q}$
- (Q) $WW \rightarrow \tau \nu q \bar{q}$
- (R) $WW \rightarrow q \bar{q} q \bar{q}$









ALEPH

