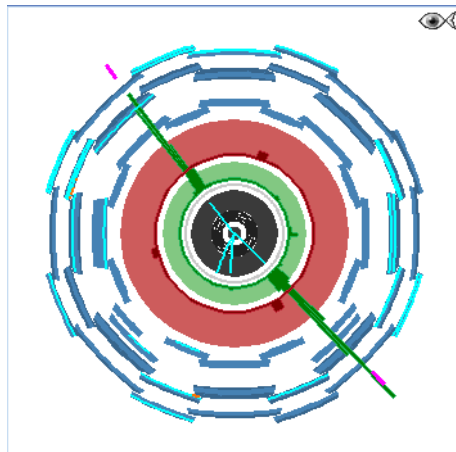


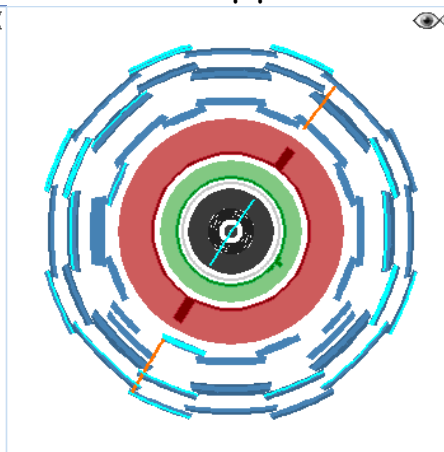
Characteristics of the different event types

$Z \rightarrow ee$



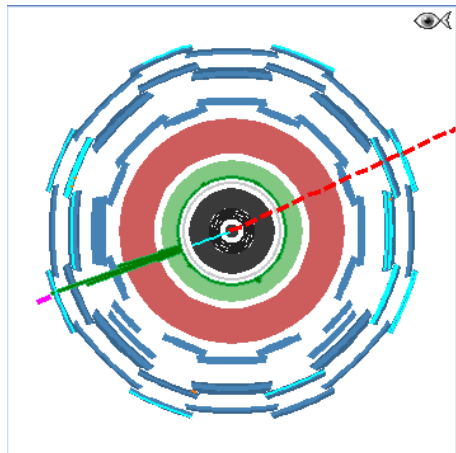
- 2 electrons with high p_T

$Z \rightarrow \mu\mu$



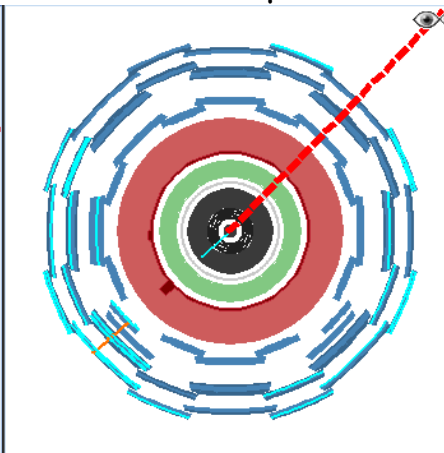
- 2 muons with high p_T ($>10\text{GeV}$)

$W \rightarrow e\nu$



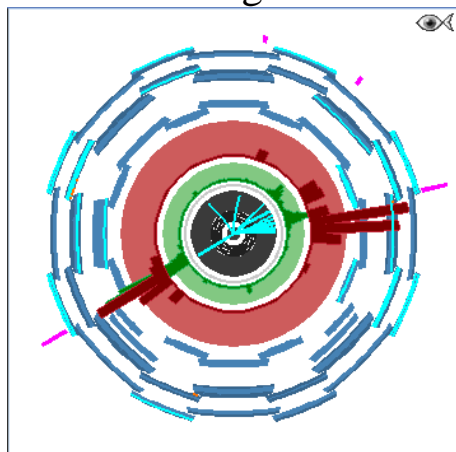
- one electron with high p_T
- large missing ET ($>10\text{GeV}$)

$W \rightarrow \mu\nu$



- one muon with high p_T
- large missing ET ($>10\text{GeV}$)

Background



- mainly jets (particle bunch)
- only occasionally an electron or muon