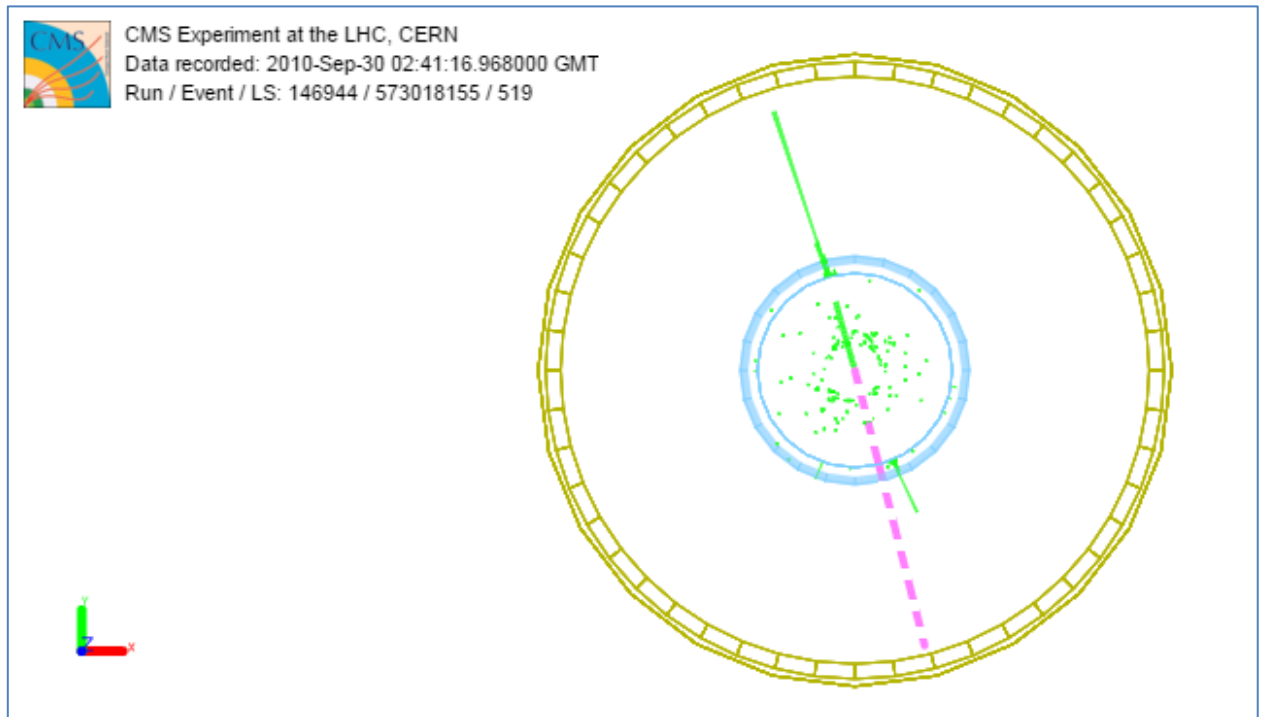
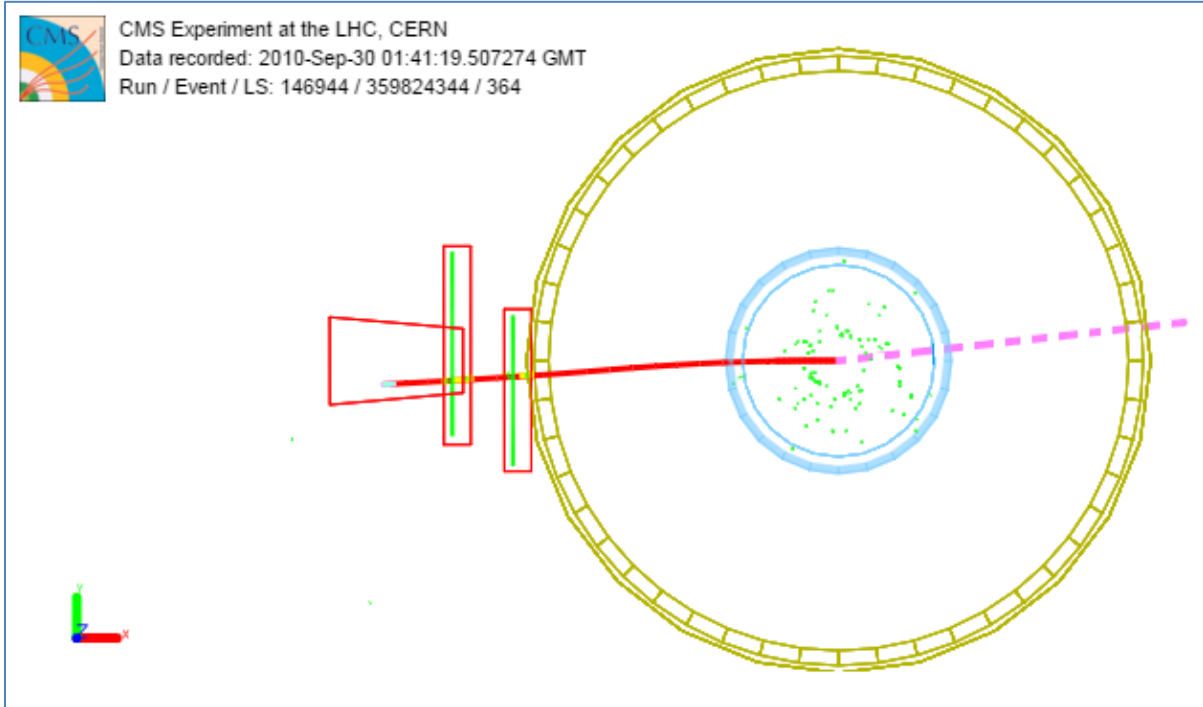


*Candidate Z  $\rightarrow \mu\mu$  event.*



*Candidate W  $\rightarrow e\nu$  event.*



Candidate  $W \rightarrow \mu\nu$  event.

mass →	≈2.3 MeV/c <sup>2</sup>	≈1.275 GeV/c <sup>2</sup>	≈173.07 GeV/c <sup>2</sup>	0	≈126 GeV/c <sup>2</sup>
charge →	2/3	2/3	2/3	0	0
spin →	1/2	1/2	1/2	1	0
	<b>u</b> up	<b>c</b> charm	<b>t</b> top	<b>g</b> gluon	<b>H</b> Higgs boson
<b>QUARKS</b>	≈4.8 MeV/c <sup>2</sup> -1/3 1/2 <b>d</b> down	≈95 MeV/c <sup>2</sup> -1/3 1/2 <b>s</b> strange	≈4.18 GeV/c <sup>2</sup> -1/3 1/2 <b>b</b> bottom	0 0 1 <b>γ</b> photon	
	0.511 MeV/c <sup>2</sup> -1 1/2 <b>e</b> electron	105.7 MeV/c <sup>2</sup> -1 1/2 <b>μ</b> muon	1.777 GeV/c <sup>2</sup> -1 1/2 <b>τ</b> tau	91.2 GeV/c <sup>2</sup> 0 1 <b>Z</b> Z boson	
<b>LEPTONS</b>	<2.2 eV/c <sup>2</sup> 0 1/2 <b>ν<sub>e</sub></b> electron neutrino	<0.17 MeV/c <sup>2</sup> 0 1/2 <b>ν<sub>μ</sub></b> muon neutrino	<15.5 MeV/c <sup>2</sup> 0 1/2 <b>ν<sub>τ</sub></b> tau neutrino	80.4 GeV/c <sup>2</sup> ±1 1 <b>W</b> W boson	<b>GAUGE BOSONS</b>

Fundamental particles of the Standard Model.