Higgs @ 10 José Ruiz





I will tell you three stories ...

One about myself ... One about two experiments... One about the Higgs boson ...

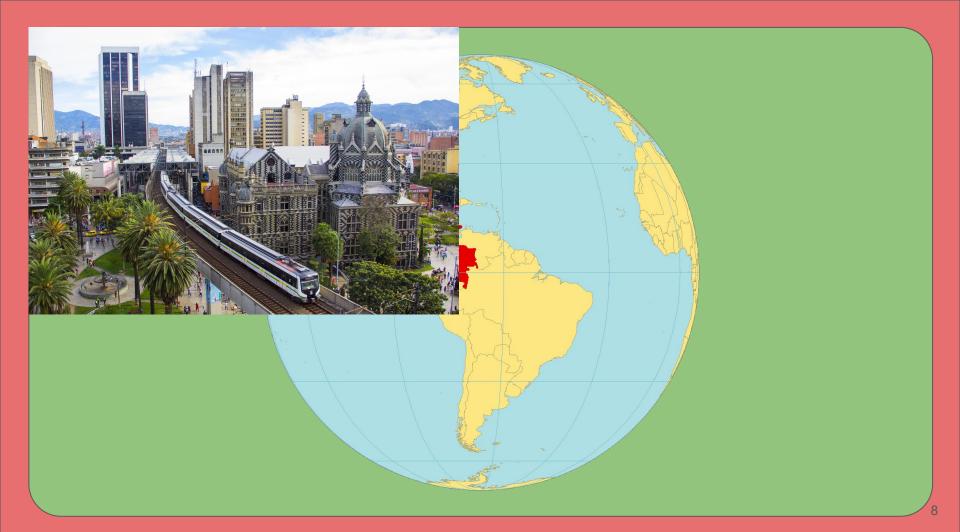
This is my story. (short version)

Profesor asistente José David Ruiz Álvarez



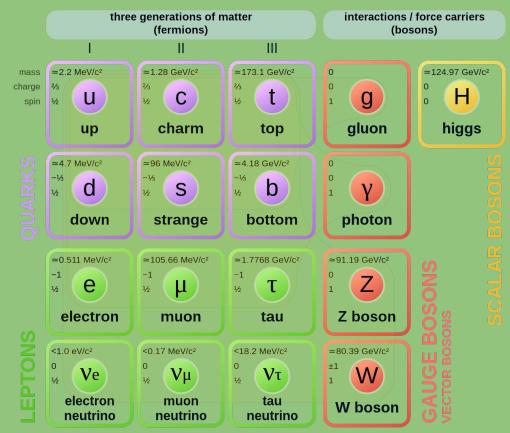




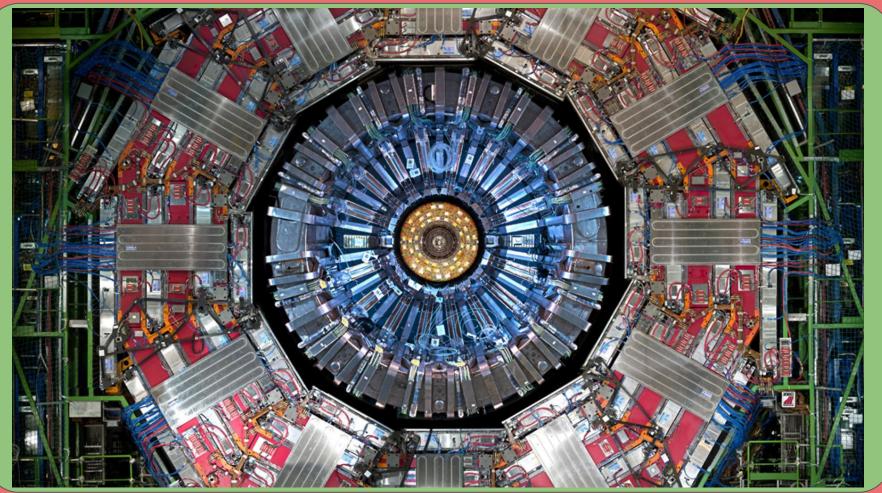




Standard Model of Elementary Particles







Let's do now the experiments.

First experiment.



There is an invisible bird in this forest.

You can't catch it. You can't take pictures. You can't interact.













Second experiment.





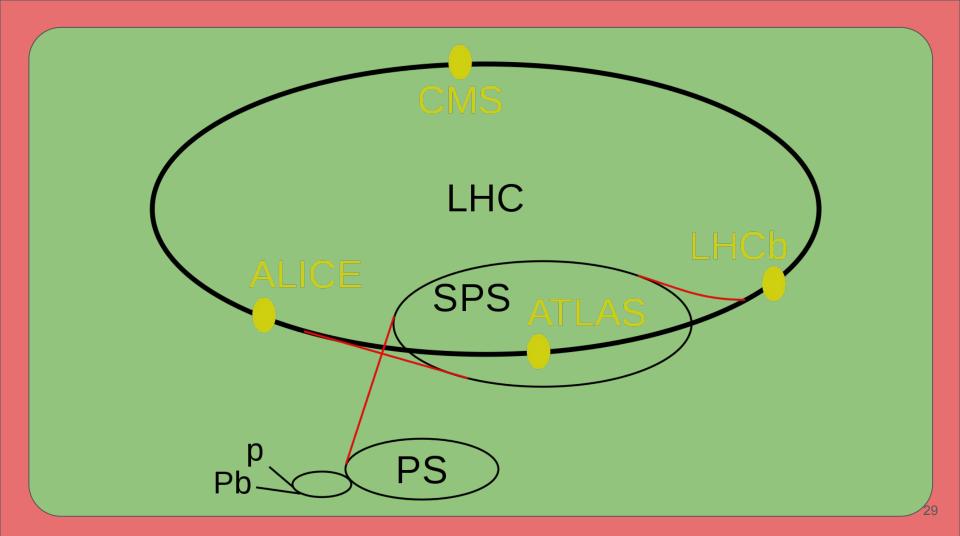


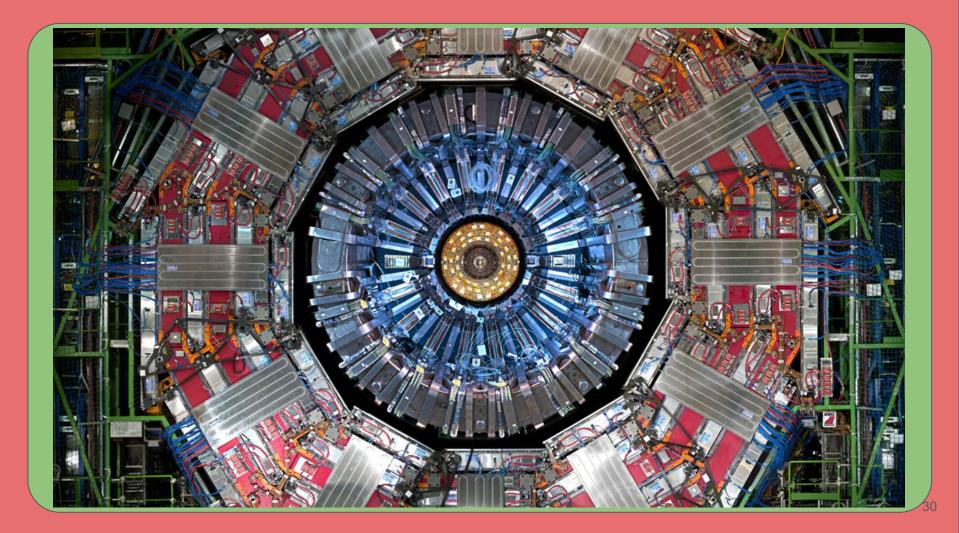


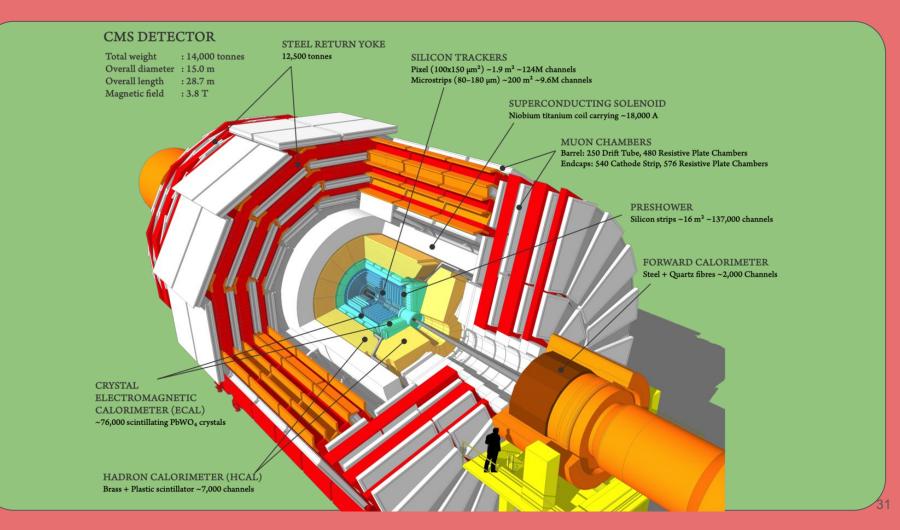


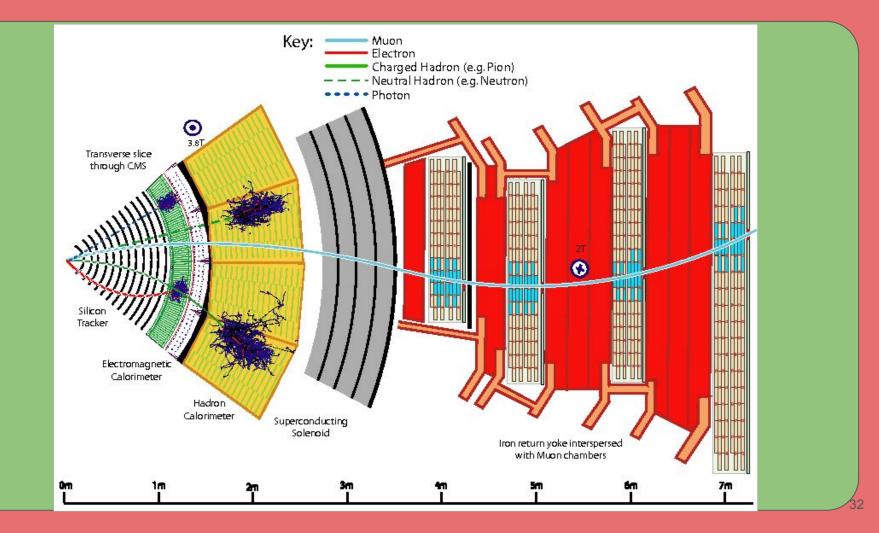
Let's talk about the Higgs.

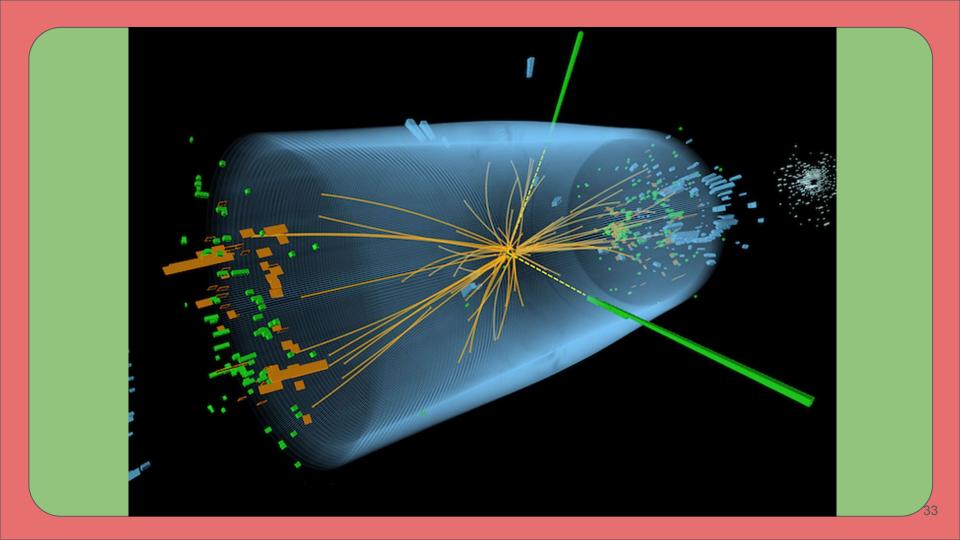




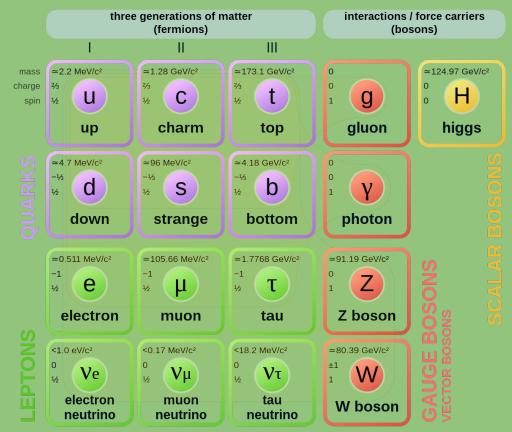




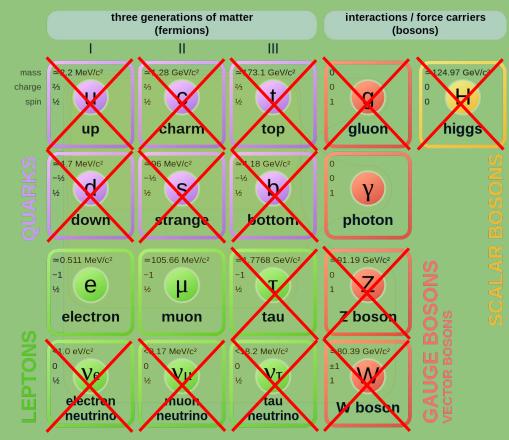




Standard Model of Elementary Particles

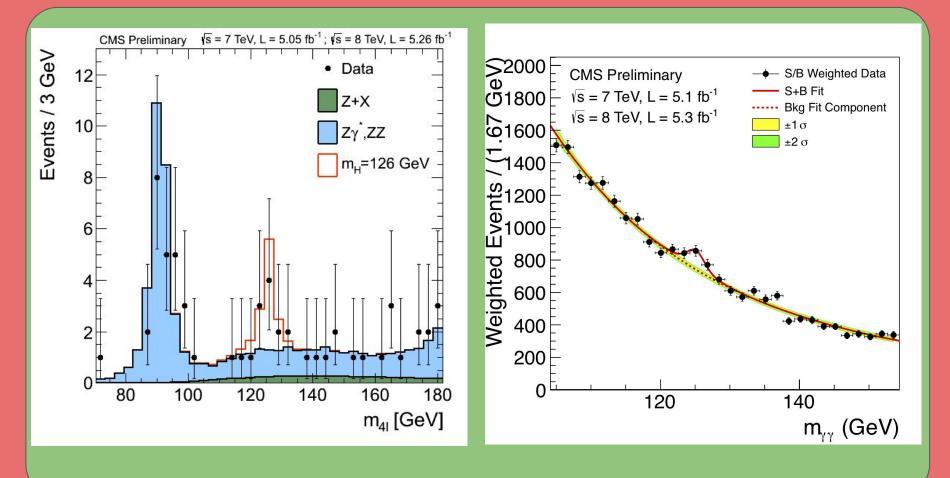


Standard Model of Elementary Particles



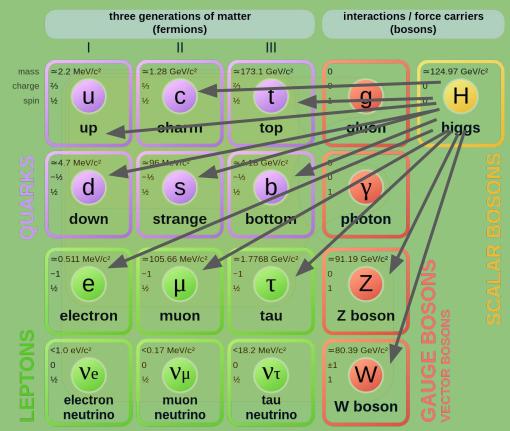
Back in to 2012.

Let's focus together on some things.

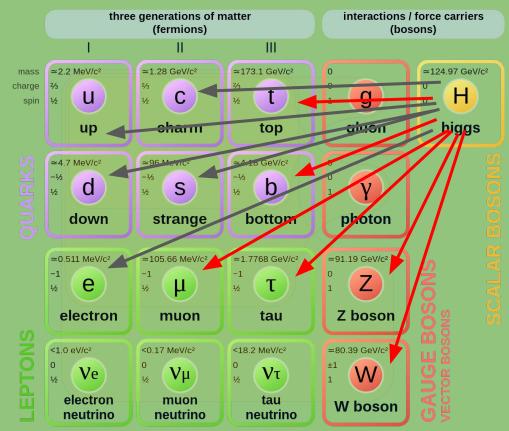


Simplifying it to the extreme: We select events. We count.

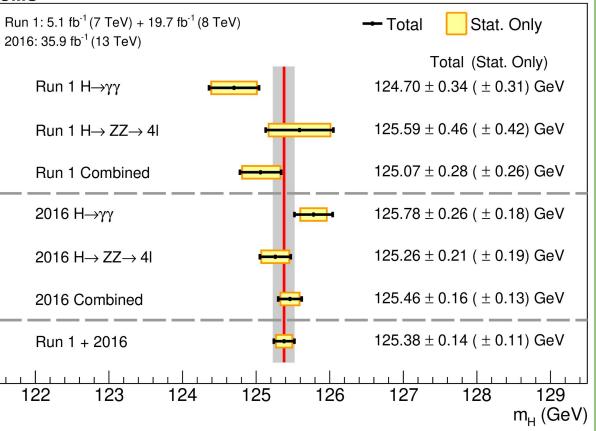
Standard Model of Elementary Particles



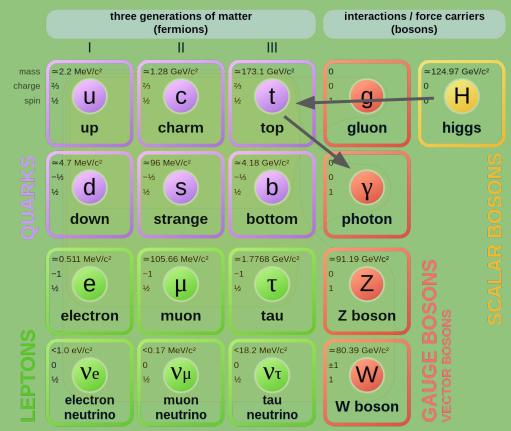
Standard Model of Elementary Particles



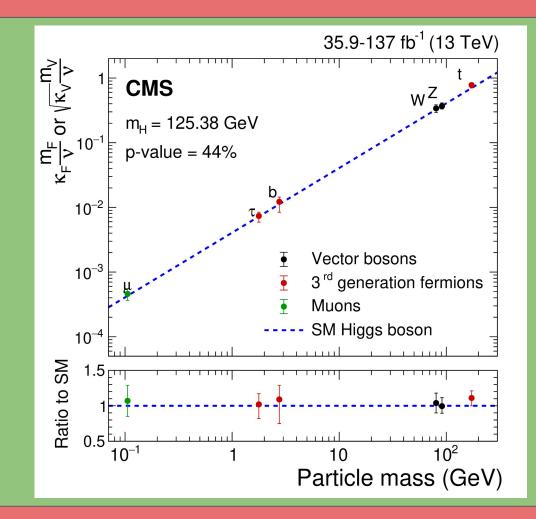
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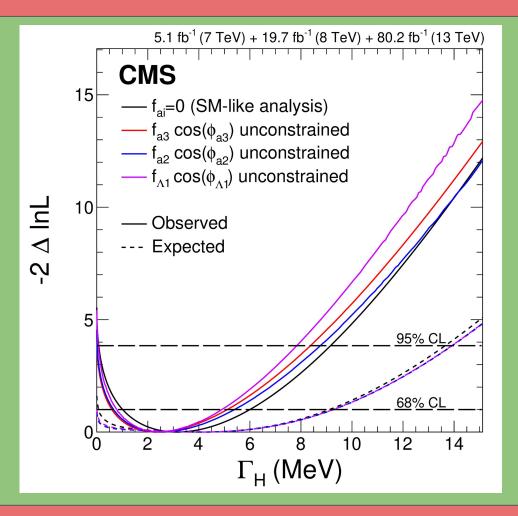


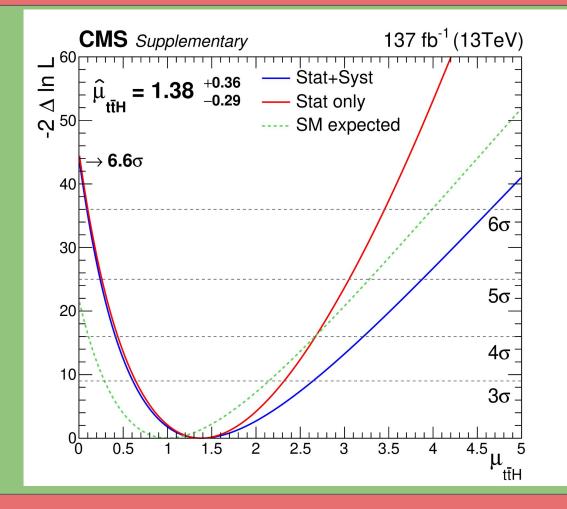
Standard Model of Elementary Particles



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So far, we have a SM Higgs.

Thanks!