2012 SSI Contest



The Question:

What is the meaning of the discovery of the Higgs boson? If it is the `Higgs,' how would you name it?

Sample Entries:



Although I decided not to buy CERN, I own several houses nearby so I am very interested in this Higgs boson. I offered my friend Peter \$50M to sell me his copyright to the name of this new particle, so I can call it the Mitton and charge people everytime they use the name.

- Mitt Romney

Sample Entries:

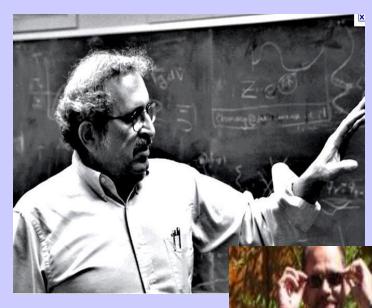


The intentional ambiguity of this question belies the existential desperation in the HEP community..... it means NOTHING.

- Anonymous

Panel of Distinguished Experts













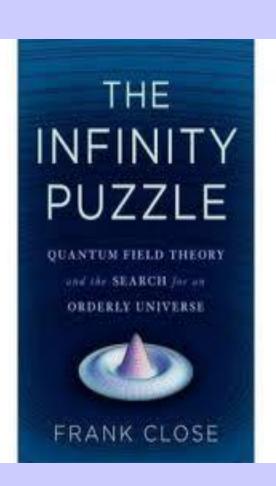
Honorable Mention

Tanushree Basak

....The bottomline, however, is that the discovery of the new boson is not the end of the story, rather it is the beginning of a new era of physics – there is lot to explore – the journey has just begun.

....I would like to call it by a new name - "Eurekon" (short form of `Eureka boson') which sounds more like a particle.

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The Runner Up

The Meaning:

- (a) End of era of guessing Higgs mass blindly from a few GeV to several TeV.
- (b) Starting point to test whether EWSB is reality or not.
- (c) LHC demonstrated its power to us that it is very capable to discover new particles in TeV region
- (d) Cooperate with EW precision data, it could provide us a way to calibrate/test QCD

The Name: Standard Model Higgs. This name might be redundant for us, but I think it would be helpful for public to connect this particle to the concept of Standard Model.

The Winner

The Meaning:

- (1)To regular people, nothing
- (2)To Dr. Peter Higgs, possibility of Nobel prize
- (3)To students, no need to remember the various plots according to Higgs mass
- (4)To professors, no need to teach the various plots according to Higgs mass
- (5)To model builders, no need to produce parameter space to accommodate large range of Higgs mass.

The Name: I would name it `h' because:

- (1) It has been called "Higgs"
- (2) It has been a "Hot" issue for so long time
- (3) It has just said "Hello" to us
- (4)It must by a "Hopeful" particle to peep into future new physics

- Doojin Kim