



Welcome to the MASTERCLASSES QUIZ!

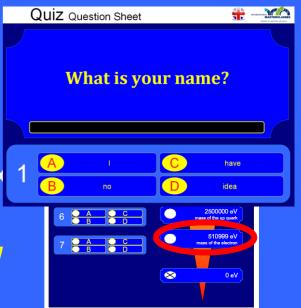
Rules of the Game

- 7 questions, 4 answers to choose (A,B,C,D)
- mark your answer on your answer sheet before the timer ends!
- moderators will then reveal the correct answer
- if you have answered correctly, you may tick off the nex answered correctly.

Let's check which energy level you can reach!

Please note:

- this quiz is for fun, not for competition!
- we won't compare results





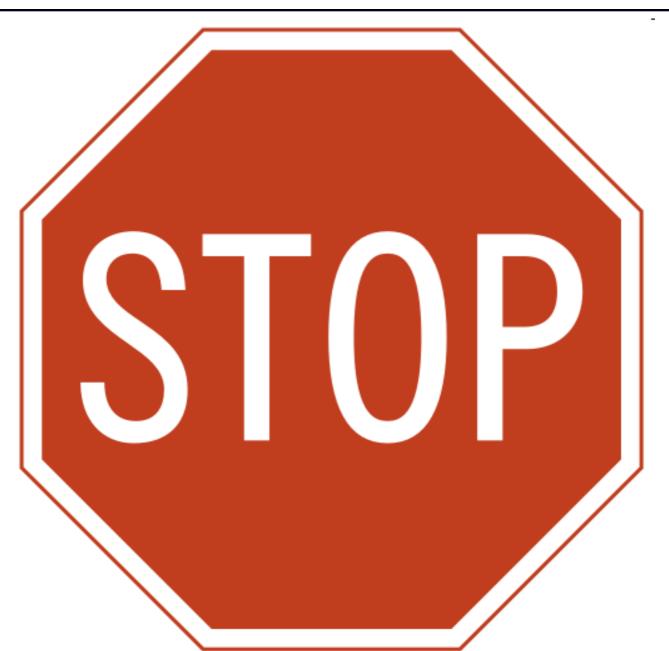


Welcome to the MASTERCLASSES QUIZ!

Ready?











Which particle is the mediator of the Strong Force?

1



Neutralino



Gluon



Snail



Pigsino











What percentage of all the matter and energy in our Universe do we know almost nothing about?

2 A 13% C 100%
B 96% D 32.8%











Which of the following is an experiment at the LHC?

3



ALICE



OPAL



KATE



FLUFFY











Which two people won the Nobel Prize for Physics in 2013?

4



Stephen Hawking & Marie Curie



Francois Englert & Albert Einstein



Peter Higgs & Stephen Hawking



Peter Higgs & Francois Englert











Which of the following technological innovations was invented at CERN?

5



The Teleporter



4G mobile phones

B

The World Wide Web



Sharks with lasers on their heads





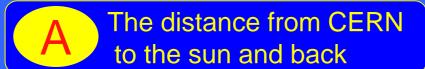






During a long run, where the proton beams might circulate for up to 10 hours, how far will these protons have travelled? (if they have not interacted of course)







B The distance from CERN to the center of Geneva







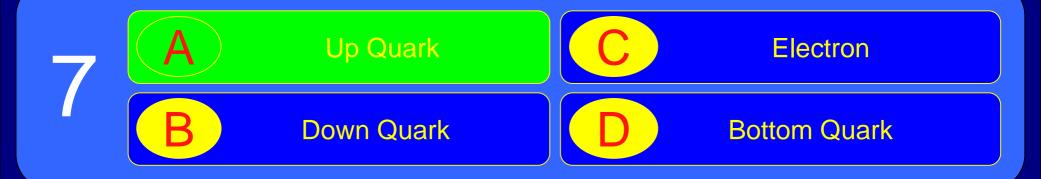






FINAL QUESTION:

Which elementary particle is most common in your body?







End of Quiz

What's your energy level?

We hope you had fun!