

Questions B

1. We would like some more information about flavour and color related to quarks
2. Some more information about the Higgs field/Higgs boson and how this can be explained to students in an understandable way
3. How is dry ice stored in view of the experiment with the fog chamber we had to do today?
4. Spin
 - a. A little more information about spin in quarks and what spin protons etc. have?
 - b. Are spin in electrons and protons connected, i.e., is it the same thing?
 - c. Does spin have anything to do with proton excitation?
5. Is there data from experiments at CERN that we can access to use in teaching or for students to use in their education, for example in high school work?
6. Why are there 8 gluons if there are only three colors (red, green, blue)?
7. Who will take the final decision about investing in a new collider? Who is responsible for if a new project fails?
8. Why is the aim 100TeV for FCC-hh? Is there a specific scientific goal or are there other reasons for example economy?
9. More information about the CLOUD-experiment would be interesting.
10. Are there any tendencies of today that there might be a crack in the standard model? If yes, are these tested?