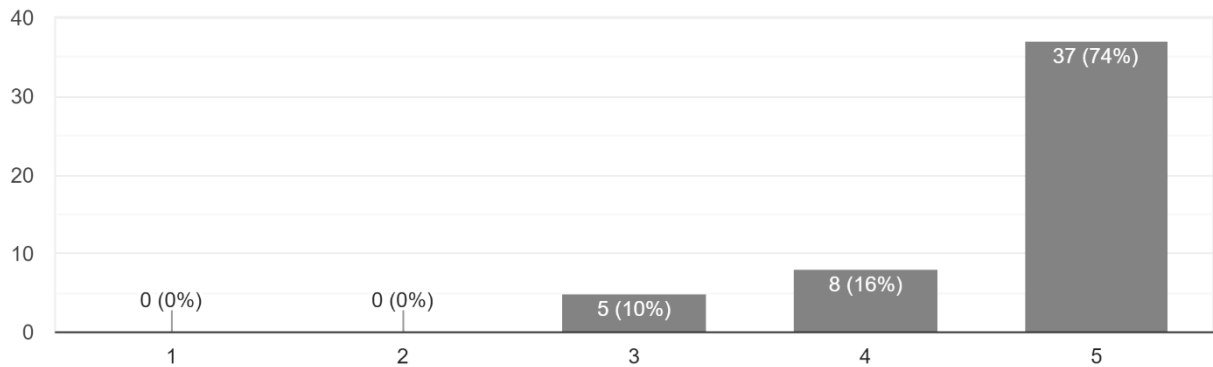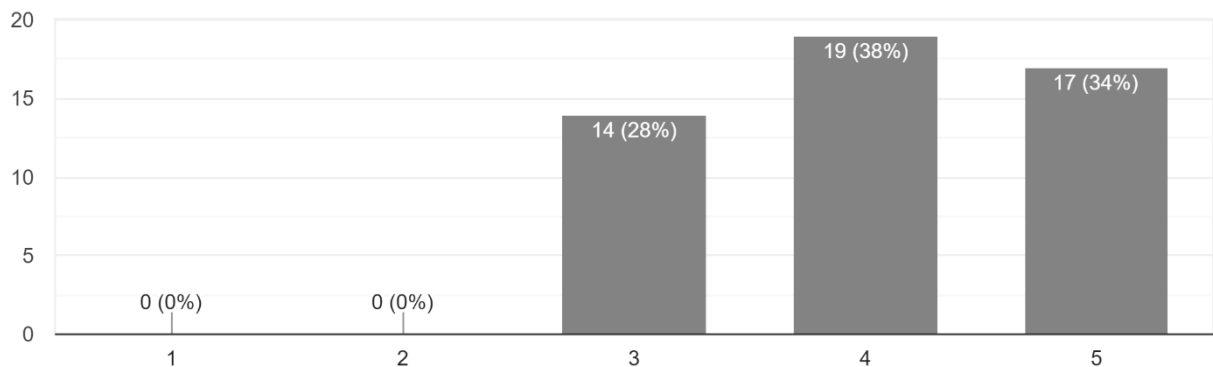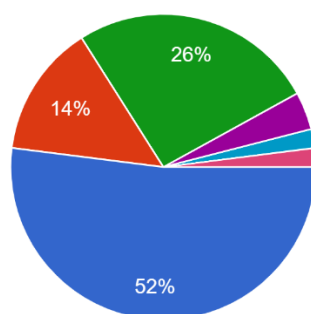# Organization (1 bad-5 excellent)

Were the info provided before and during the school helpful for a fruitful attendance?

50 responses

Was your knowledge sufficient to follow the lectures?

50 responses

Did you find that the agenda is

50 responses

- Balanced
- I would have liked more breaks
- I would have liked less breaks
- I would have liked less hours per day
- I would have liked more hours per day
- I think there were many hours, since the school was online and staying focused in front of a computer for a whole day i…
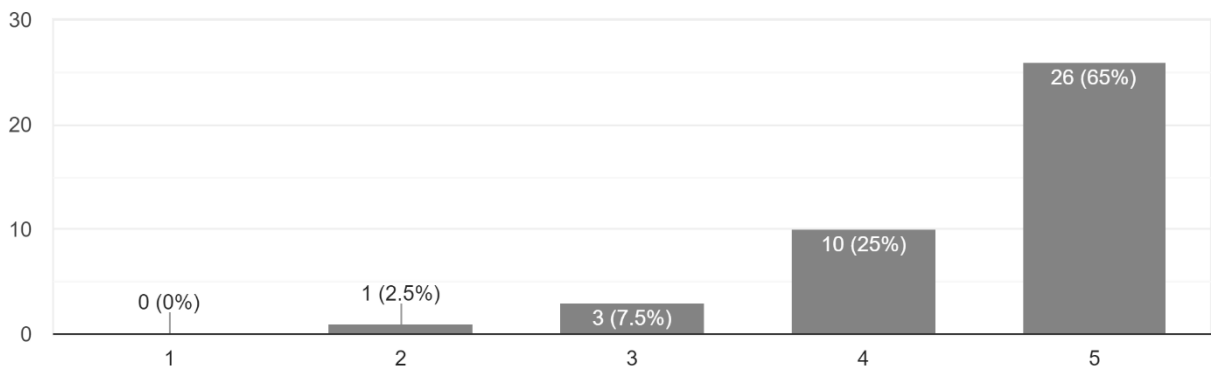- I would have preferred maybe not "more breaks" but more consistent breaks. e….

Rate the effectiveness of interaction on zoom and slack

50 responses

Rating	Count
1	0 (0%)
2	4 (8%)
3	11 (22%)
4	21 (42%)
5	14 (28%)
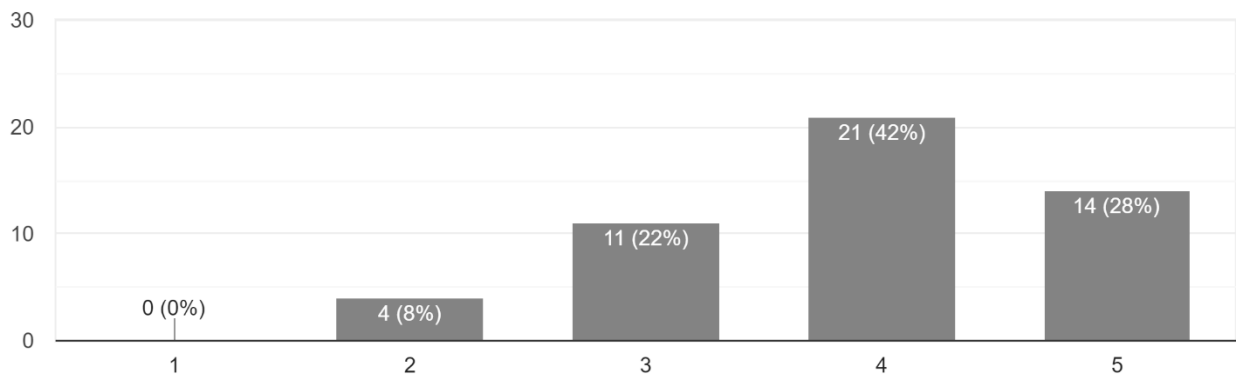
Rate the promptness of response when contacting us via email

40 responses

Rating	Count
1	0 (0%)
2	1 (2.5%)
3	3 (7.5%)
4	10 (25%)
5	26 (65%)

Rate the usefulness and clarity of the website of the school

49 responses

Rating	Count
1	0 (0%)
2	1 (2%)
3	3 (6.1%)
4	17 (34.7%)
5	28 (57.1%)
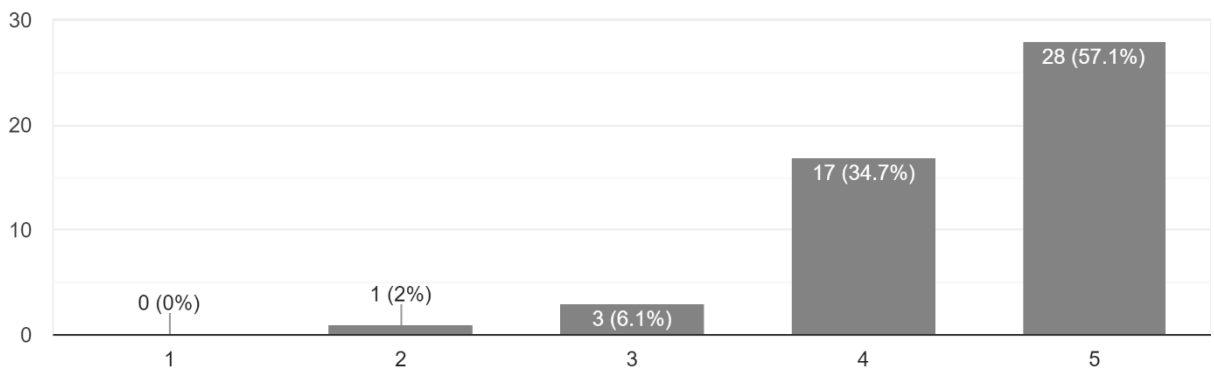
Lectures (1 bad-5 excellent)

Rank overall the clarity of the speakers

50 responses

Rank overall the usefulness of the lectures
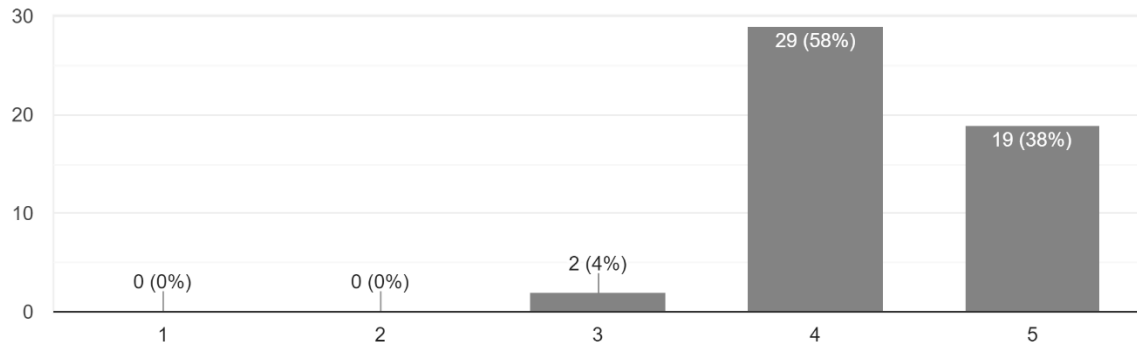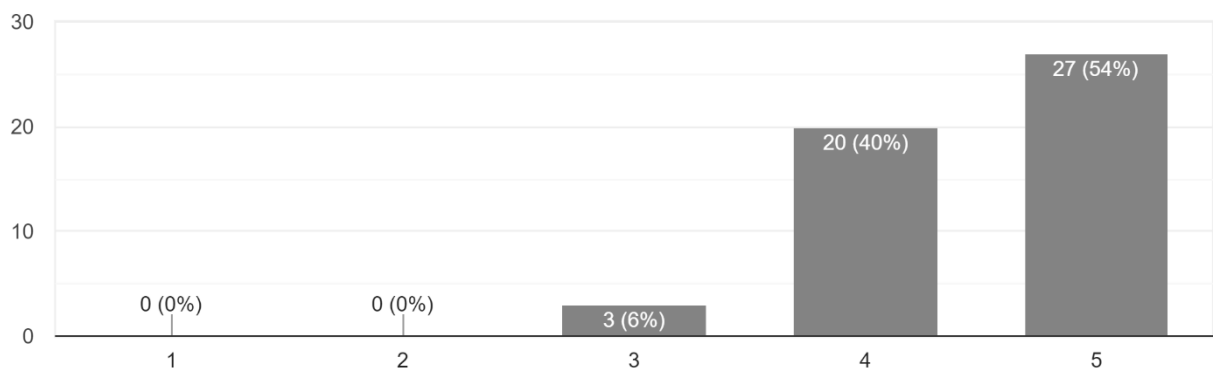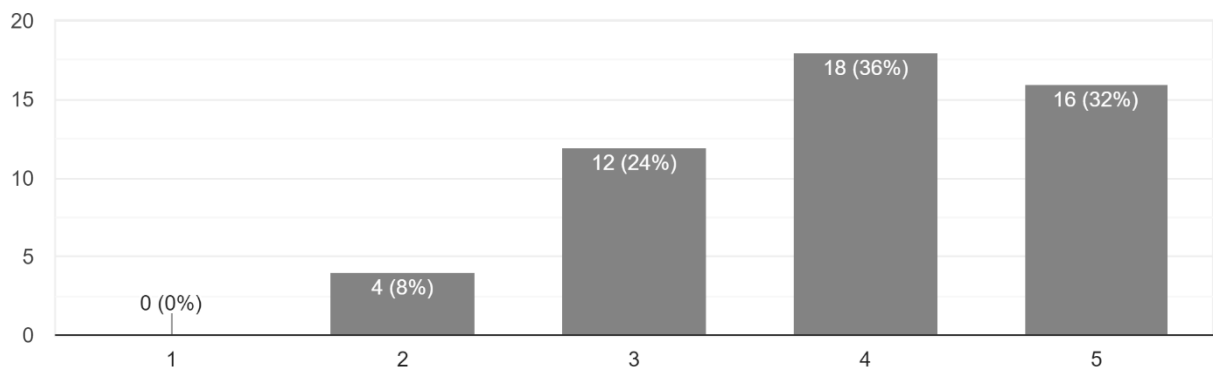
50 responses

Did you find that the amount of lectures proposed were

50 responses

Did you find that there were repetitions in the lectures?
50 responses
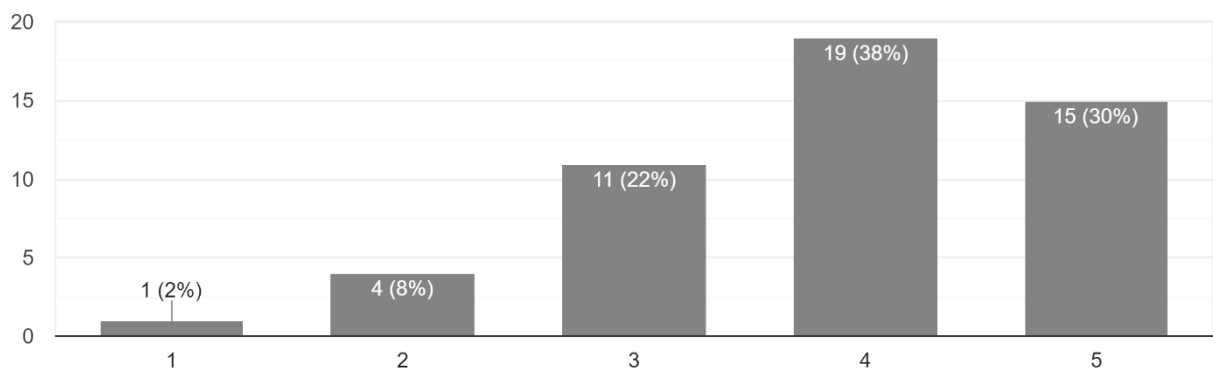
Is there any topic you wanted to see that we did not cover? (6 responses)

1. No
2. Gravitational waves dectections methods and theory
3. introduction on geant4
4. More on statistical physics
5. Strong field QED
6. I would like to have some lecture dedicated to the theory of neutrinoless double beta decay and a current evaluation of the experimental search.

Hands-on session (1 bad-5 excellent)

If you participated: was the format and the material of the hands-on session appropriate for learning python and the statistical tools?
45 responses
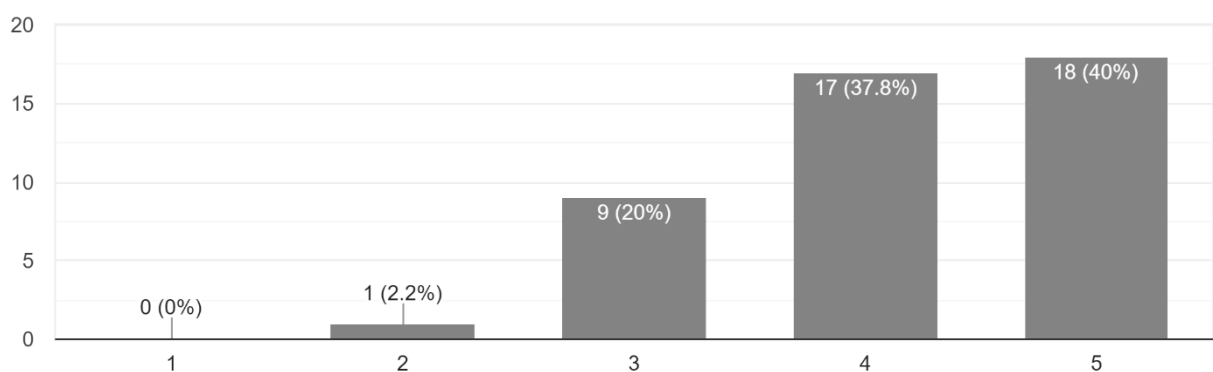
If you did not participate, explain why. (4 responses)

1. Superposition with other committments on the first hand on session
2. my machine was not set up properly
3. Do not know python.
4. I half participate because I had problems with python, a language that is not common to me and I didn't ask because they were doubts not related with the subjet. However, I follow the explanation by Pietro Di Gangi, and I found it very well prepared and intended.
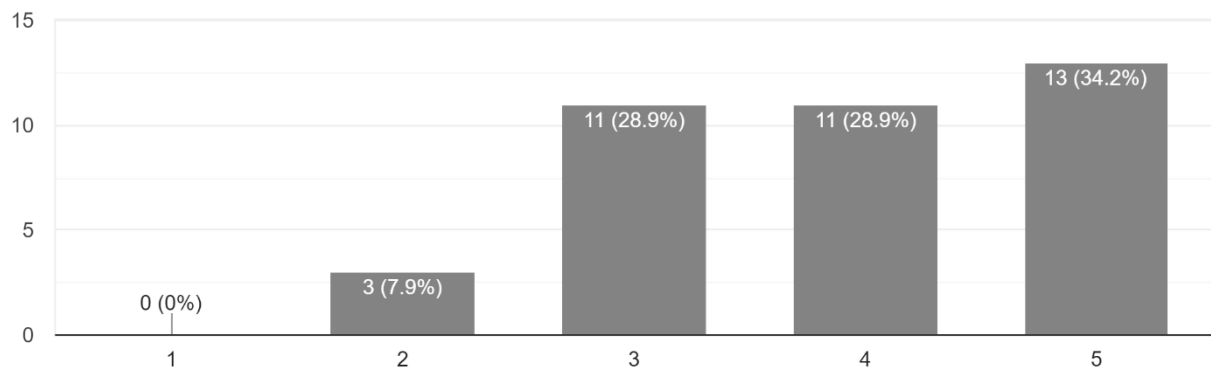
Poster session (1 bad-5 excellent)

If you participated: was the format of the online poster session enough simple and effective to get in touch with the other students?

38 responses

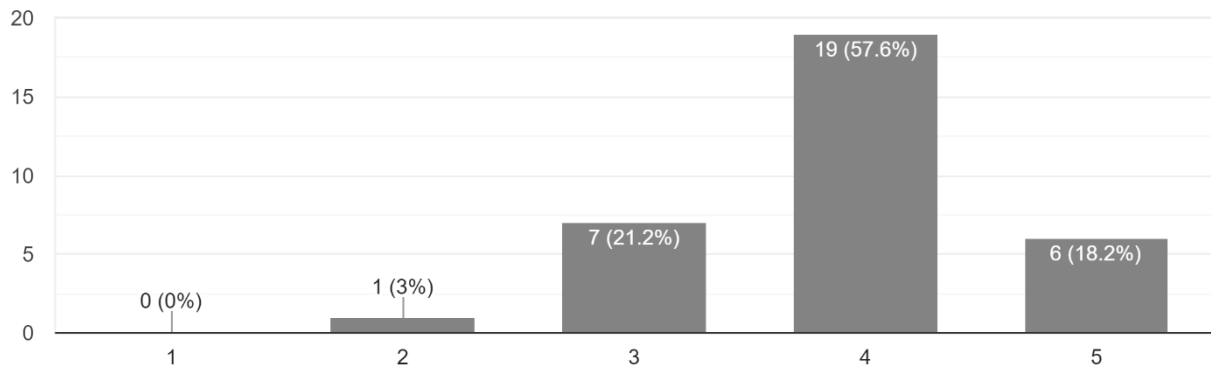If you did not participate, explain why: (8 responses)

1. I had a previous arrangement that was impossible to move
2. not available during that time slot
3. Research not at an appropriate stage to present
4. Im still an undergraduate student
5. my network was very bad
6. Attending from US. Too tired after lectures.
7. Busy schedule
8. I couldn't participate because a meeting I had with my collaboration.

Discussion session (1 bad-5 excellent)

If you participated: rate the usefulness of the discussion session

33 responses

If you did not participate, explain why: (10 responses)

1. Did not manage to keep staying in front of a computer after so many hours. I was extremely tired at 6:30 and no longer focused after that full days
2. Unfortunately I had to work in parallel and couldn't join
3. No urgent question in mind, and constrain due to the time
4. Unfortunately, I didn't have the time to dedicate another hour and a half per day to the discussion session. In presence I would have participated
5. Too late in the day due to the fact that the school was hold online (need to continue the day to day activites)
6. No enough time
7. Scheduled too late during the day
8. Attending from US. Too tired after lectures.
9. lack of time
10. Unfortunately, I was not able to join all the live lectures and many of discussion session due to limited data connection and my institute exams.

Suggestions for improvement (50 responses)

1. I would use more gather town rather than zoom discuss session
2. Perfect school, well balanced respect breaks, length and density of lectures, high level of the speakers! It was very useful, I have learned a lot!! Thank you!
3. Hand's on statistics session: more time to work and less of talking about it would have been nice
4. Nothing major. The days were quite long but there was a lot to be covered so this is understandable. I want to give a special mention to the hands on statistics part, the organization was excellent and the notebook is easily one of the best helps ive ever seen in statistics, especially for DM searches.

5. I think the main problem was the school being held online. But anyways, I think that having a little less hours per day could help.
6. While presenting a poster it was very hard to go in other rooms and check other posters. Since I presented the poster 2 or 3 times to different people, I was only able to join other speakers twice.
7. The only limitations and defects of this school are related exclusively to the fact that it has been online. Furthermore, some topics could have been treated at a slightly more advanced level, avoiding long premises and taking some concepts for granted.
8. The hours were too long for an online format, therefore difficult to follow discussion sessions. Maybe the school could've been made longer with fewer hours per day balancing lectures and discussions
9. more lessons distributed over 2 weeks, to deepen more the different topics
10. It's an incredible School during pandemic time. I especially impress your organization for poster and hands on session. I wish I would attend this school face to face. Thank you for all.
11. Some talks were too technical, and with too much information packed in. I think keeping the talks a bit more general will be better.
12. encourage more to collectively use gather in the breaks in between for some informal discussions
13. The main improvement will be to have a physical face to face summer school, with 28h of lectures on zoom it is not always easy to keep up. But this is obviously something you couldn't control. Otherwise it was a very clear and well organized summer school, depending on our background some lecture were more difficult to follow but that is normal too. The hand on session was very clear and well organized.
14. Thanks a lot for the enourmous amount of work that went into this. I think that in general it would be good to explicitely encourage students to turn on their cameras (no obligation) as this can really help not only the lecturers to see who they are talking to but also the students feel more "there". For the hands-on statistics session: similar, I am impressed by the huge work that went into it, I will definitely profit from the materials in my work. However it was (as the speakers noticed I think) difficult to communicate with the students. For this, maybe a wonder.me room etc. would have been better - so that the tutors can actively go from person to person to see their progress etc. Otherwise, lets hope the next school is under better circumstances!
15. make it an on-site school and it will be perfect. I will send all my students to this school in the future for sure!
16. Maybe shortener a little the lectures, in order to digest the great amount of information, and then be able to get to the discussion session with a clearer mind
17. For the hands-on session: shorten the presentation at the beginning to leave more time for the exercise For the poster session: maybe organise a short session with the presenters of posters to explain to them how the platform (eg Wonder) works and let them try and see if everything is working fine. For example, I had problem with the microphone and the screen-sharing but I found out only when the first person wanted to interact with me
18. It was an excellent experience.
19. The statistical lecture was too dense for such amout of time. Either Tlak about all the aspect in an introductory way, or remouve some chapters from the lecture.
20. More sharing of this activities

21. The amount of hours per day, 5 days in a row, was a bit tiring and it was more and more difficult to stay focused and learn in an effective way. Also breaks are important, especially in an online version, because so many hours in front of a monitor are unhealty. I also undestand of course that it's difficult to arrange so many topics in one week, so overall it was a really interesting school. Thanks!
22. in-person meeting
23. It is all good
24. Less lectures per day and more time dedicated to discussions
25. maybe a first part of the stat tutorial might have been done together and then the rest left to be dane alone
26. it could be nice to have a quiz session between lectures or at the end of the day
27. vary the topics more
28. Maybe it is just my personal opinion, but I found a bit hard to follow all-day online lectures (in presence it would be much different, of course). At the same time I understand the need to condense the lessons in the shortest possible time. However, I would like to congratulate for the extremely high level (for completeness and clarity) of the talk given by each speakers, in future I will review again the material for better knowledge.
29. Excellent
30. Maybe a little bit less hours per day. For the poster session the https://gather.town/ site has some additional fetures that could be useful.
31. None, I throughly enjoyed the school
32. Methods and analysis should be tackled more in detail as to improve the understanding of the students.
33. may be a bit more explanation on photon sensors.
34. Using Youtube for all sessions. Here the Chat field could be also used for the Discussion Session. Youtube is the most easiest way to get to the different sessions and to all audience. People can write theirs questions and then the host answers to everybody at the end or even in the middle of their talk.
35. The hands-on statistics portion was the most interesting part of the school for me and I wish there were more of it! Perhaps a single hour session with a self-contained notebook at the end of every day. It would also be nice to see the statistics applied to other non-dark matter related projects.
36. provide also many opportunities of Ph.D in particle physics
37. Everything was great.
38. Suggest an additional set of topics from the many discussion
39. none
40. the SoUP 2021 is Excellent
41. It was quite balanced. More lectures was expected on statistical physics and relevant tools.
42. Add some soft skills formations
43. Time was weird for people joining in oversea.
44. None.
45. more practice; make lectures shorter
46. Nothing
47. I do not have much to add because I found the lectures interesting and with plenty of details I didn't know. I'm very grateful for attending the school since it was on-line, but I think that this can have the drawback of not interact with the other students, something that I is part of a school.

48. not
49. May be the days of the school can be increased and the number of lecture per day can be decreased.
50. To be in person will be a very useful improvement