Terascale Summer School: Tutorial/Exercises - QCD and Monte Carlo techniques *13 Aug - 27 Aug*

Created by Hannes JUNG - hannes.jung@desy.de

Event actions: Clone | Lock | Switch to event page

General settings
Timetable
Material
Programme
Registration
Abstracts
Contributions
Paper Reviewing
Evaluation

Advanced options

Lists
Protection
Tools
Layout
Logs

Setup | Edit | Preview | **Results**

Options

Submitters

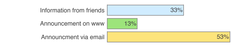
- select — Currently selected: ALL
- remove

Statistics

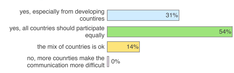
- export

Statistics

*** 1. How did you know about the Terascale SummerSchool Tutorial 2020**

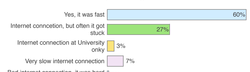


*** 2. Should students from more countires participate in the Terascale SummerSchool Tutorial**



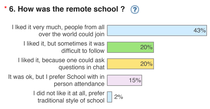
3. What is attractive on Terascale SummerSchool Tutorial?

*** 4. Internet connection: do you have good and fast internet connection?**

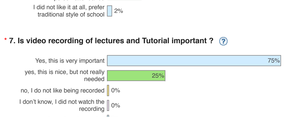


*** 5. Computing evironment: Do you have your own laptop/PC ?**

*** 6. How was the remote school ?**



*** 7. Is video recording of lectures and Tutorial important ?**

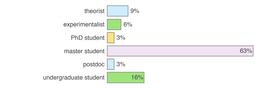


*** 8. How was the remote Tutorial exercise ?**

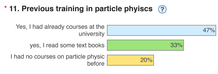
9. Comments on the remote Tutorial

- Easy to connect with ZOOM, exercise were well prepared and could be installed easily. Tutors are very nice and answer all the questions in detail. We can freely ask questions in the chat window.
- It was a very valuable exercise for me. I was hesitant on the first day of joining, but Hannes assured us everyday that he didn't mean to leave anyone behind, and he stood by that. In the end, I was able to learn a lot. Thank you to everyone who organized.
- I would like to thank all organizers It was great!
- It was a fantastic experience. All the resources were easily accessible. I familiarized myself with the topics covered (MC, MC integration, and how they apply to QCD calculations). Personally, it was also a refresher in C++. All the tutors were very helpful and cordial. The exercises were fun and the entire experience was a blast for me. A big thanks to the entire team for guiding and teaching us!!
- Yeah I felt unseasy on the tutorials . sometimes could not able to follow .
- For me remote-learning was amazing. The way that someone can ask questions freely is not available for shy people, so this a good point, even though sometimes speaking in real life is more active because people can react easier and there's no time for laziness. Totally the current situation of COVID-19 is so difficult, but it couldn't stop us from learning and trying hard thanks to remote-learning.
- Perhaps to have a more versatil program to propose and correct the excercises
- Very well planned, except some tutors are not very responsive to the questions asked. Overall the exercises are all good.
- Divide in groups for the programming language. I was very happy with Jupyter, but some people no
- i preferred if more exercises were possible i need more schools like this but simple ones or starting very smple to help cope with the exercises fast
- Initially had a bit troubling in installation and things as everything was new to me. But whereas guidance is concerned, it was well communicated and talked about.

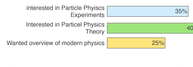
*** 10. I am**



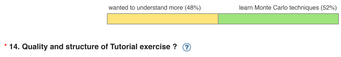
*** 11. Previous training in particle phyiscs**



*** 12. What was your main interest in Terascale SummerSchool**



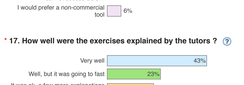
*** 13. What was your main interest in the Tutorial ?**



*** 14. Quality and structure of Tutorial exercise ?**

*** 15. Exercises and templates: C++ or Jupyter notebooks**

*** 16. Was the video portal ZOOM accpetable ?**



*** 17. How well were the exercises explained by the tutors ?**

18. Tutorial: comments

- This was the first time I could get my hands around with doing computation and solving equations. The tutorials were really excellent. Although it was a bit tough for me initially, I was able to. Understand the gist of what's happening.
- As an undergraduate student, the theories are quite difficult for me to understand, but I can understand how to apply Monte Carlo calculations. I think it will be better to have a longer general introduction to QCD before going into Monte Carlo techniques in this subject.
- Different tutors have different style. Some will go through the code step by step and others will leave time for ourselves and answer the questions we asked. I would personally suggest to have both way combined, e.g. first 10 mins for personally thinking and then 10 mins the tutor could lead us and go through code step by step and finally leave 5 mins for asking.
- It wooould be more helpful ,if before each problem the phys behind the problem explained.
- Some more derivations e.g. how to compute the g+g->h cross section would have been helpful
- The information on the questions are quite complicated, but still possible to understand after the short lecture by Hannes
- they need to go slower and more time was needed to cope with you perfectly

19. Other comments

- This is my first and one of the best summer school I have attended online. A big thanks to all the professors and co-ordinators to make this summer school actually happen even in these tough times.
- Overall, the event was exciting! Hope to be able to join again next year, maybe physically!
- really enjoyed the class and learned a lot of new things
- Thank you, simply! :)
- I have really enjoyed the talks , it gave me overall idea of different fields of research on particle physics. In india many of students like me don't get any experimental exposure specially in HEP before joining PhD . So I have joined a theoritical institute . But after attending the school I got highly motivated to do experiment also . I have wish to visit cern once in my liftime . Thank you for all aranges and your efforts .
- Hope there will be free online session next year. Very appreciate that effort
- Thank you!