2025.01.21

Current working:

1.Learn some fluka operation from website and run some examples.

Next planning:

Finish the learning.Start the project about CEPC with Prof.shihaoyu.

2025.02.18

Current working:

1. I have finished the beginning course of FLUKA

Next planing:

1. Operate the Server in the Office of Prof Yu to run the Fluka.
2. Go on learning the Advanced course of FLUKA.

2025.02.25

Current working:

1. Study of Advanced Course of FLUKA

Next planning:

1.Utill 3.18 ,we should compute one version of outcome for the whole detector .Do not be accuracy very well.On Febery 25,prof.shi will share one latest layout of detector with one hall.

2025.03.04

Current working:

1. Study of Advanced Course of FLUKA.

2.I tried and installed some system for the serve,but I found some system is not fluent.Maybe I should reinstall another system for it.

3.Ready for the practice teaching to Jinnan zone of NANKAI.

4.Learning the Latex and the advanced linux program.

5.Last week I ask the prof.Liang what can I do,he didn’t reply me,later I will ask again.

Next planning:

1. Accelerate to learn the professional courses and FLUKA.Maybe my process is a bit behind.

2025.03.11

Current working:

1. Learning the professional courses.About the radiation,I just learn the FLUKA.

Next planning:

1. I prepared the document of joining the Institute of High Energy Physics.

2025.03.25

Current working:

1. Finished the report to the Institute of HEP.

2. Read some papers about CEPC.

Next planning:

1. Read more paper.

2025.04.01

Current working:

1. Downloaded some documents about radiation safety and protection form website and read it.

Next planning:

1. Go on learning the software and learning English.

2025.04.08

Current working:

1. Learning the advanced edit skill of Fluka.
2. Learning the professional knowledge.

Next planning:

1. I enrolled one Fluka webinar.Previously,I encountered some issues with software operation.The Fluka team sent me a link to a webinar.I think I can take this opportunity to seek help from the official people.This meeting will be held on the 14th April.

2025.04.22

Current working:

1. Install the fluka onto the server of cluster.And I met some problem.Just now I had one idea to solve this problem.
2. Under the pros.shi’s request,I need to research about FCC or other large scientific facilities,especially regarding radition shiedling and FLUKA simulation.Last week ,I should have found a meeting minutes that perfectly meets his requirements.
3. Prepare for the examination for CET-6.Practice the English listening and remember the vocabulary everyday.

Next planning:

1. Go on learning the professional knowledge.Get FLUKA running on the cluster as soon as possible.

2025.04.29

Current working:

1. Installment of Fluka on the cluster has been finished,but my input file seemly has some problems which leaded that my work cannot run normally!
2. Under the pros. Yu’s request,I need to research about that detecting the marine using nuclear power by neutrino.Then I should have control the whole prospect of the project and I setted the program by fluka to simulate the detector ScI,but after running there is no signal.My setting should have some errors.With the suggestion of pros.liang,now I’m reading the manual to active the transport and interaction of neutrinos.
3. Prepare for the examination for CET-6.

Next planning:

1.Go on learning the professional knowledge.Learning the manual to seek the solution for error.

2025.05.13

Current working:

1. In this period,I mainly help prof.yu to edit the project proposal that using neutrino detect nuclear submarine.
2. Read some paper about CEvNS.

Next planning:

1. Prepare for the final examinaiton.
2. Go on reading manual.

2025.05.20

Current working:

1. In this period,I mainly help prof.yu to improve the project proposal.There are many places to fix.
2. Read some paper about CEvNS.

Next planning:

1. Prepare for the final examinaiton.
2. Prepare for CET-6 .

2025.05.27

Current working:

1. In this period,I mainly help prof.yu to improve the project proposal.The proposal should been ready soon.
2. Read some paper about CEvNS.

Next planning:

1. Prepare for the final examinaiton.
2. Prepare for CET-6 .
3. Go on fixing the project proposal.

2025.06.03

Current working:

1. Rrepare for the final examination.
2. We all the time use the flair and fluka from cern to simulate the program.But there are some errors and asymmetry in the display.Because of asymmetry of the simulation,they want to compare the outputs from different versions from CERN and INFN.In fact,there is no error in the display of INFN flair.And this week I tried to install the INFN version to run the program to find out that whether the asymmetry occur.But there are some troubles during the running.I search for the solution from Senior Liang,he told me that I could use the root authority to try again.

Next planning:

1. Prepare for the final examinaiton.
2. Prepare for CET-6 .
3. Later I will try to fix that problem.

2025.06.10

Current working:

1. Rrepare for the final examination.

Next planning:

1. This week I have four examinations.So I mainly prepare and participate the examination during this week.

2025.06.17

Current working:

1. I have finished all of the examination.
2. Search some paper about radiation.
3. Check out the symmetry about the simulation.

Next planning:

1. Read the paper of radiation and learn the programming.

2025.06.24

Current working:

1. Recently I learned how to use the g4.Fundamentally I have the conception of method.And I try to edit one simple program,but there are some errors.

Next planning:

1. As soon as possible , familiarize this program.

2025.07.01

Current working:

1. Read some papers or reports for Radiation.And read some papers of neutrino.
2. Learning the program Geant4 for detecting the neutrino.

Next planning:

1. I enrolled one activity.It starts from the 07/03,ends up to 07/11.

2025.07.15

Current working:

1. Read the report and disassemble the detector for changing the parameter.
2. Learning Geant4 to detect neutrino.

Next planning:

1.Participate the activity.

2025.07.29

Current working:

1. Recently I just participate the activity hosted by prof.Yu.
2. Learning how to use Geant4,and I have understand the B1 example.

Next planning:

1.Go on learning the Geant4.

2025.08.12

Current working:

1. Recently I was learning Geant4.
2. Modify the model of CEPC and run the program to see the fundamental situation.
3. Run the neutrino interected with detector on fluka.Found out that the cross section in transform for neutrino is zero.It prove that Prof.Liang is right.

Next planning:

1.Go on learning the Geant4.