

**Do you have a good  
time/experiences?**

**We're really glad that we  
don't have any major  
issue during this camp**

# We're glad with your learning/working attitude

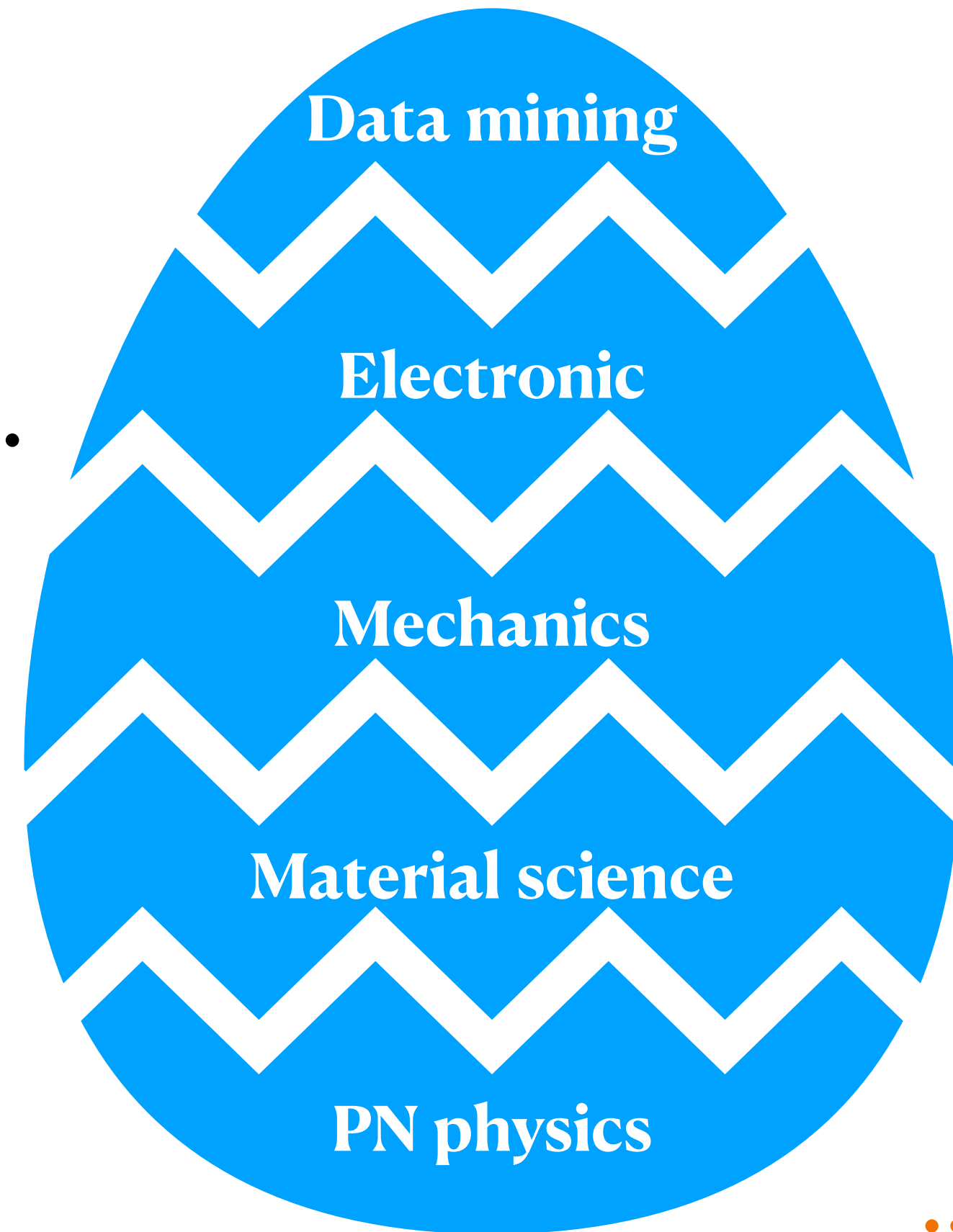


Many photos in <https://photos.app.goo.gl/S4va1bC2911xqPJw7>

**It could be better but we hope you enjoyed**



Particle and nuclear detection is a  
complicate, interdisciplinary field.  
**You don't need to know all of these.**  
**Expert in one field is probably  
enough.**



*...but if you don't have a good  
background on relevant  
subjects, it is hard to go far...*

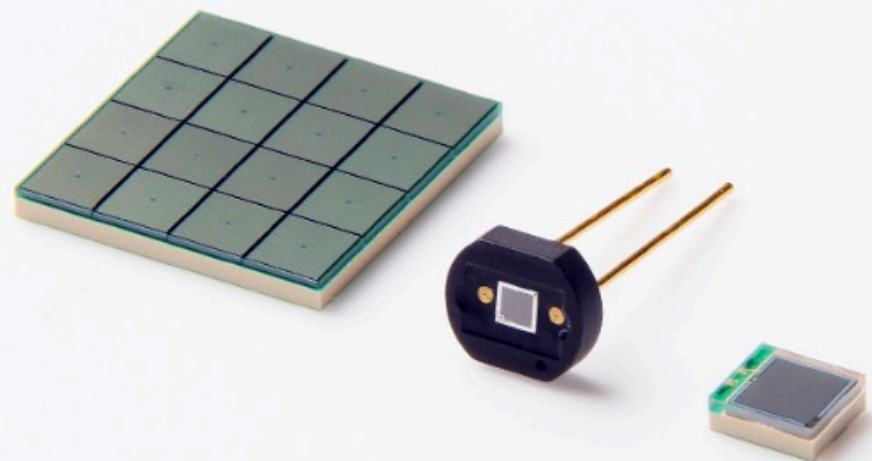
**Don't forget to submit your group final report  
to [cvson@ifirse.icise.vn](mailto:cvson@ifirse.icise.vn) before **Mar. 20th.****

If you want to explore more apply ICISE internship

<https://ifirse.icise.vn/nugroup/internship/index.html>

If you love this place, neutrino  
and/or hardware toys, join US

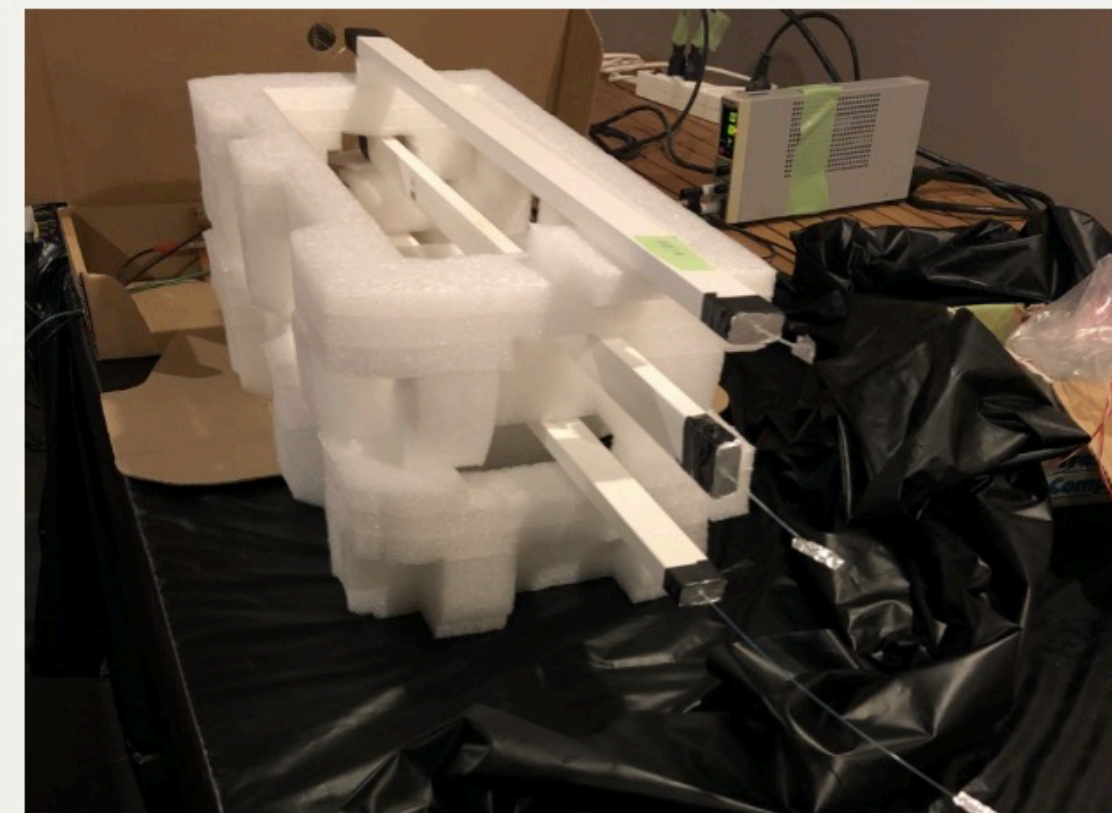




### MPPC

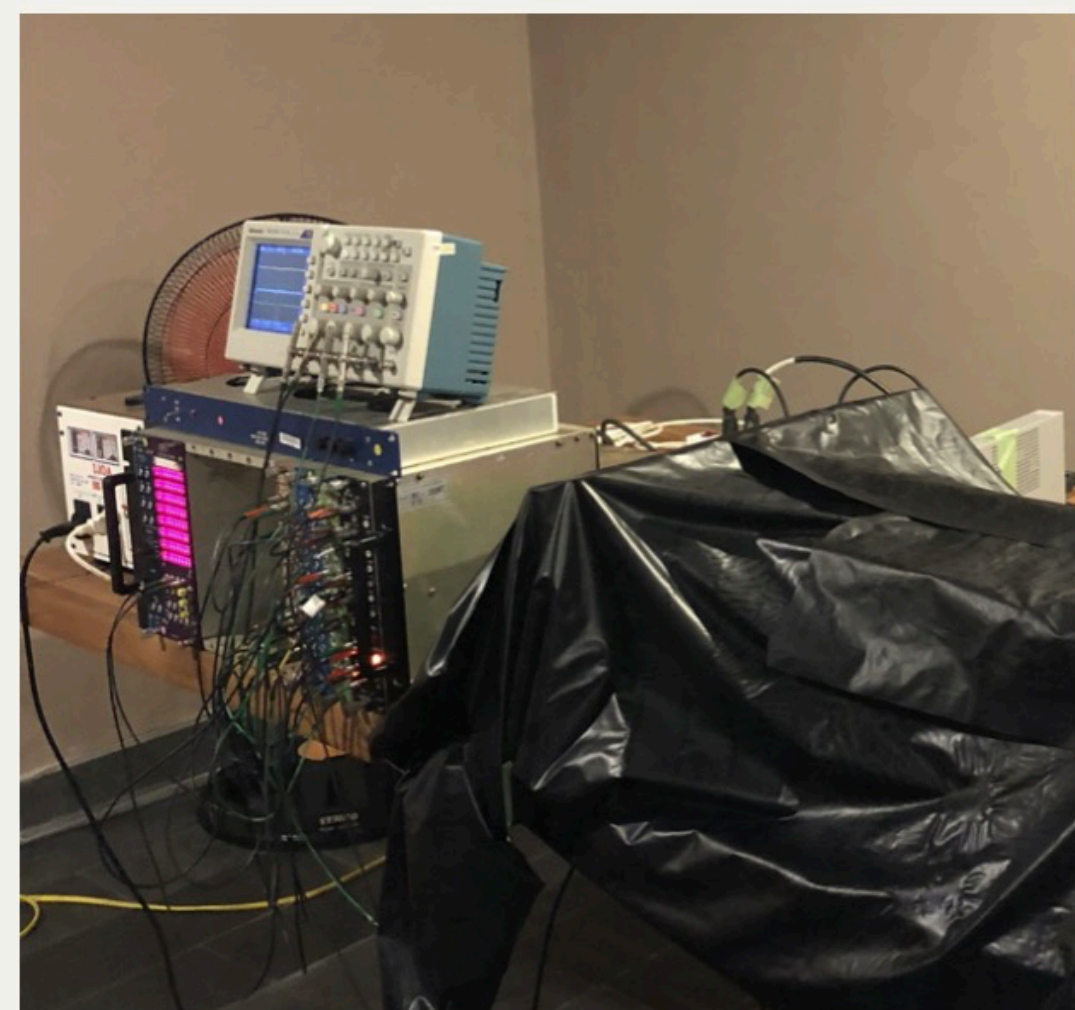
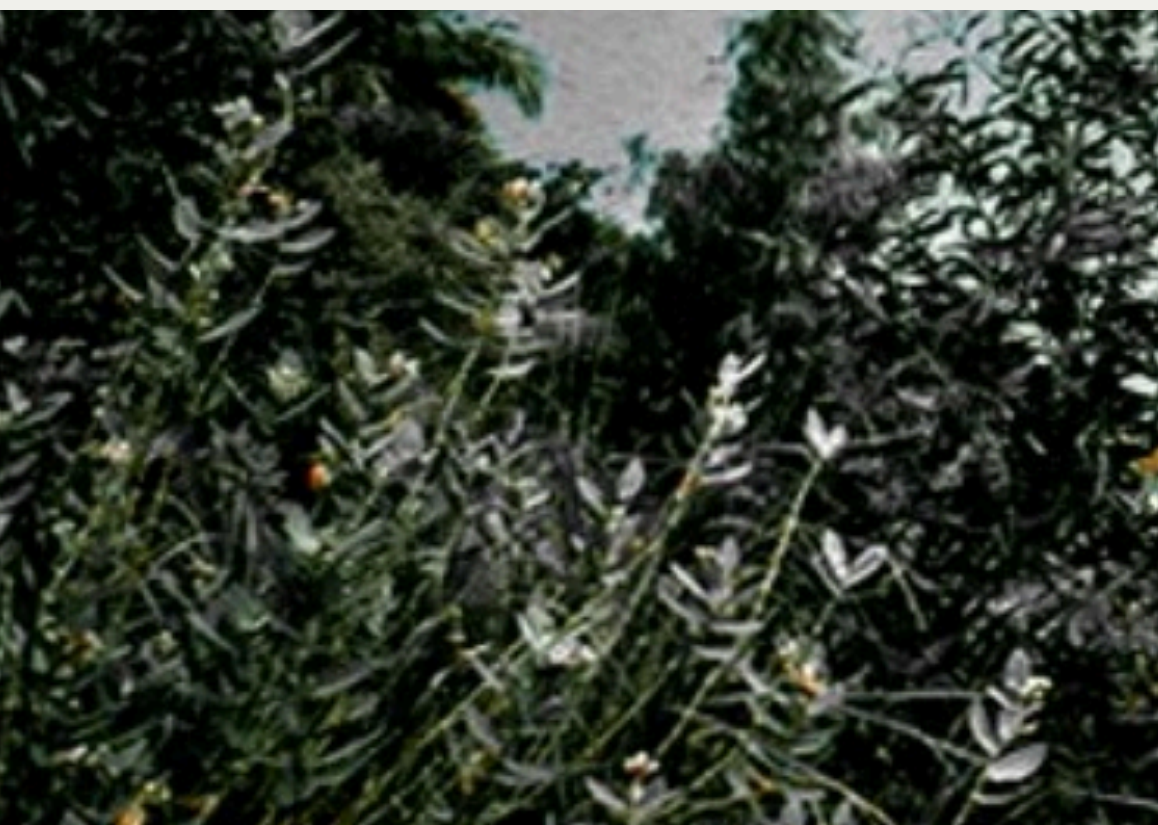
...measure characteristics & application.

See our poster on MPPC and our recent work for more information



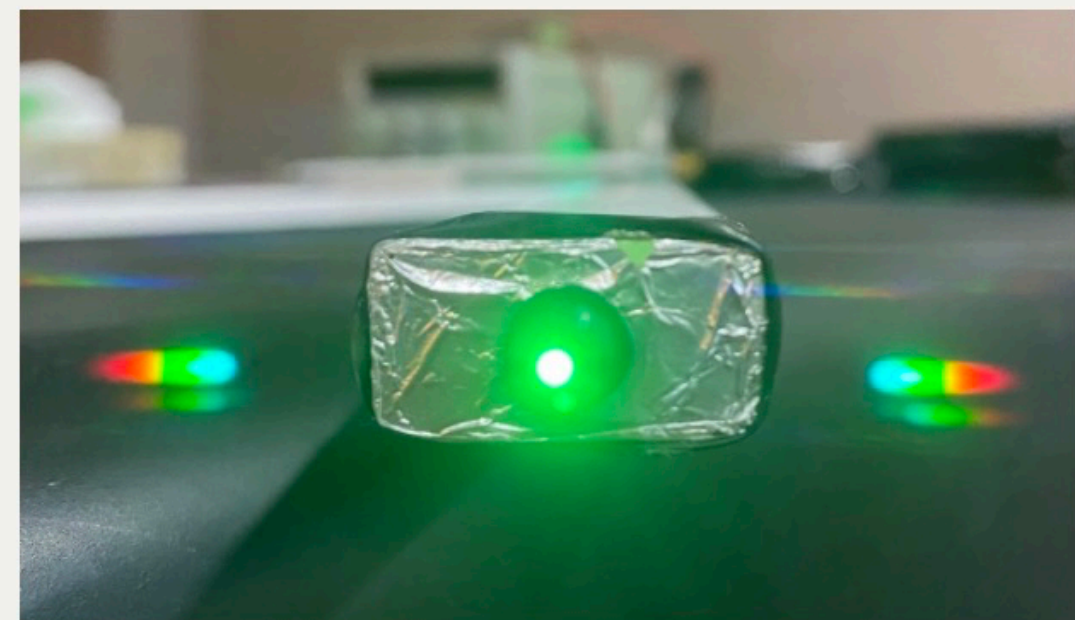
### Hodoscope concept

...for cosmic ray measurements & civil application like muon radiography and muon tomography,



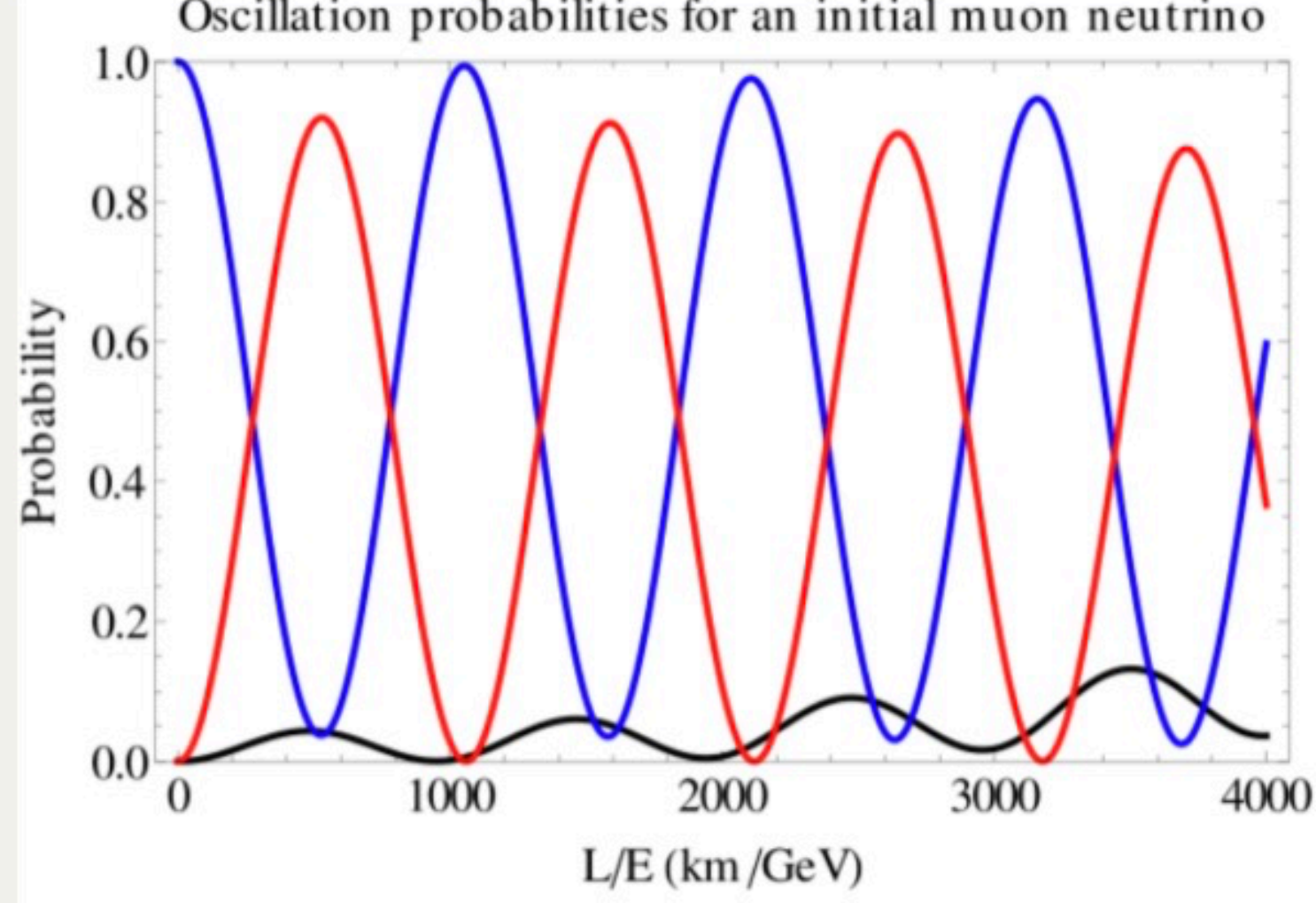
### Electronics and DAQ

...to understand how data is taken



### Light-based technology

...to harness the power of light and sensor



Muon neutrino oscillations, short range

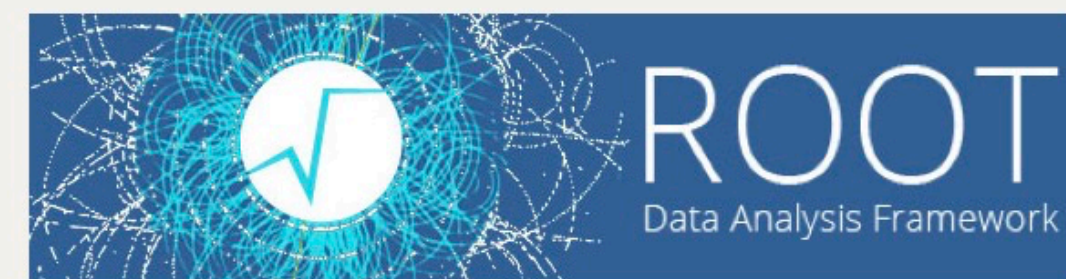
### Neutrino oscillation frameworks

...calculate the oscillation parameters and understand degeneracy among oscillation parameters, neutrino mass matrix inferred from experiments



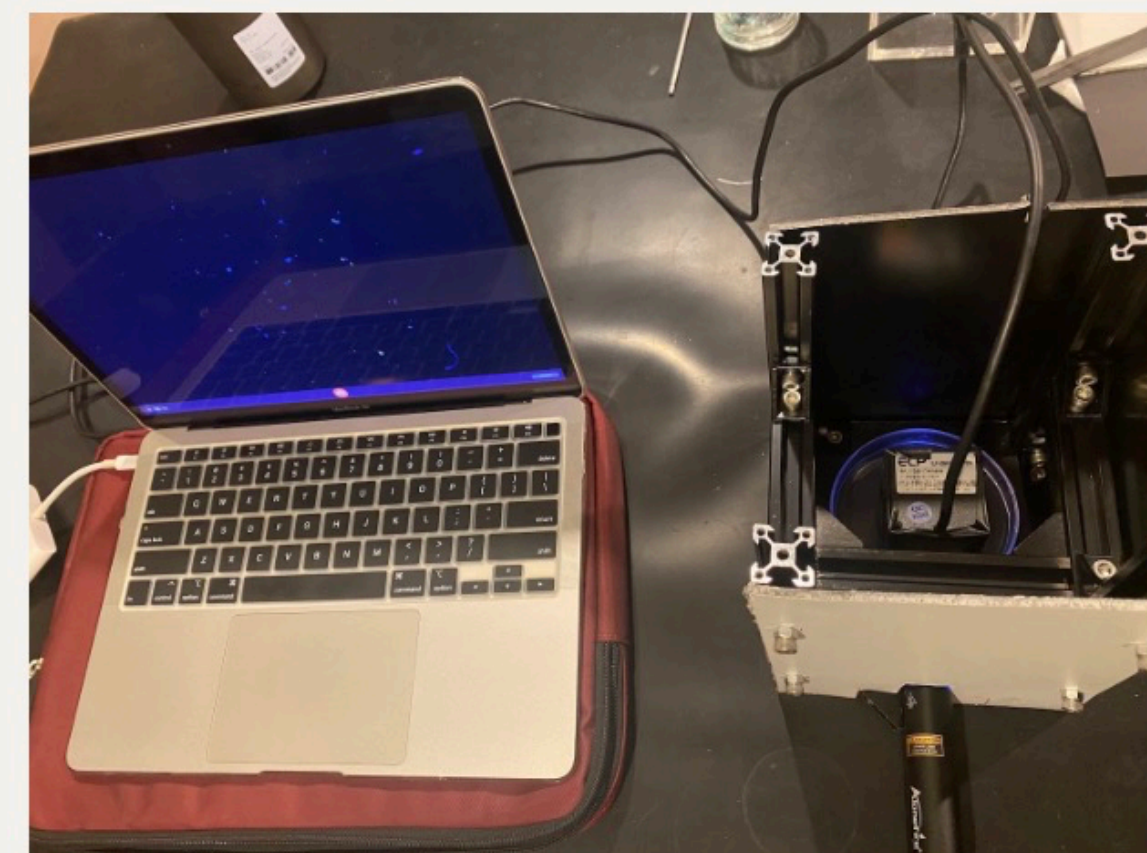
### GEANT4 simulation

...undersand physics processes in detector and how detector responds to the process & some application as muon radiography & tomography



### ROOT: framework for BIG DATA

...to use ROOT, a popular tool of experimental physicists, for Big data process & analysis



### Computer vision

...to advance the machine learning and Artificial Intelligence for computer vision



**Enjoy your journey! We hope you come back  
ICISE sometimes ... soon**

