

# INSTRUCTION AND MANUAL FOR FLOOT

first app which converts fluka files into .root

FLOOT was developed and tested on Linux OX so as this instruction.

1. Download FLUKA\_GUI from [https://github.com/PatrykPasterny/PITE\\_Project](https://github.com/PatrykPasterny/PITE_Project)
2. Inside FLUKA\_GUI type 'python FLOOT\_2-1.py'
3. Using CHANGE DIRECTORY choose directory where you store your FLUKA .dat and .lis files
3. Using arrows or mouse double click choose file, which you would like to convert or convert and plot.
4. You can also use CONVERT ALL DIRECTIORY option to convert all Fluka files in choosen directory
5. Fluka files converted into ROOT histos is saved in the directory that you convert. If you are converting one fluka file it stores the ROOT histo in „fluka2root\_one\_detector.root” file and for whole directory in „fluka2root.root”
6. If you have any problems click HELP button
7. If you want to change directory you can always just click CHANGE DIRECTORY button again.
8. Every time you convert or convert and plot file text above file tree will inform you if the conversion ended.
9. If you want to exit FLOOT just click QUIT button.