Contribution ID: **4** Type: **not specified**

Computing set-up

Monday 19 February 2024 17:30 (30 minutes)

Please bring your laptop!

For the Pythia tutorials:
* A standard Unix terminal window, as available in Linux and MacOS.
This excludes Windows, unless you yourself know how to install and
operate with the Windows subsystem for Linux.
* Other standard tools, such as a text editor and web browser.
* A C++ compiler, accepting C++11 (or later) code.
* For nicer plotting preferably you should also have a Python 3
installation, including the Matplotlib library. If you have the
former but not the latter, run
python3 -m pip install -U matplotlib

For the Sherpa tutorials:
* Tutorials based on docker images. Suggest to install docker in advance: https://docs.docker.com/install
* to avoid having to download the docker image all at the same time it would be a good idea to download the image in advance with:
docker pull hepstore/rivet-sherpa:3.1.8
docker container run -it -v PWD :PWD -w $PWD hepstore/rivet-sherpa:3.1.8 /bin/bash
Sherpa –version
* If you'd like to work with a local Sherpa installation instead of docker, it is useful to install rivet suit from rivet-bootstrap in advance: https://gitlab.com/hepcedar/rivet/-/blob/release-3-1-x/doc/tutorials/installation.md#installation-1

For the Herwig tutorials:
* Tutorials based on docker images. Suggest to install docker in advance: https://docs.docker.com/install
* to avoid having to download the docker image all at the same time it would be a good idea to download the image in advance with: "docker pull herwigcollaboration/herwig-7.3:7.3.0" (where on Linux people will most likely need a "sudo" in front for this to work)

If you need any additional support (via DESY computing access), contact us.

Summary

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