March 7, 2023 (Week 7)
ROOT part 1

Objectives:

- Introduction to ROOT

Outline:

- ROOT
    - Introduction and installation
    - Documentation and how to get help
    - ROOT calculator
    - ROOT objects
    - Functions
    - Canvas and drawing
    - Histograms

Homework - due 8am March 9, 2023:

1. Install ROOT on your personal machine
2. Create a plot that includes a histogram and a function
    - Randomly fill a histogram 10k times with a gaussian function
    - Define a function that is a composite of at least 2 standard functions
    - Draw both on the same canvas
    - Save the canvas as a .png