**Installing Python:**

1. Download Python from <https://www.python.org/ftp/python/3.10.5/python-3.10.5-amd64.exe>.
2. Run the Python installer file. Make sure to tick the “Add Python 3.10 to PATH” as shown in Figure 1 before selecting “Install Now”. Graphical user interface, text, application

   Description automatically generated

Figure 1 - Python Installer Interface

1. Once finished, run the “Installer.bat” attached to install the required Python libraries.

**Running the SimFCS Automator:**

1. Make sure that the “SimFCS 64 Automator.py”, “GIC.png” and “Centenary\_Institute\_logo.png” is in the same folder.
2. Run the SimFCS64 Automator.py. Graphical user interface, text, application

   Description automatically generated

Figure 2 - SimFCS Automator Interface

1. Press “Data Folder” button and select the folder that contains the data folders.
2. Press “Images Folder” and select the folder where images from the simulation will be saved.
3. Select “Excel Folder” and select where the Excel containing the data will be saved.
4. You can customise the name of the Excel output by changing the text box next to the “Excel File Name:”.
5. Press “SimFCS Location” and select the location of the SimFCS file.
6. The “Short”, “Medium”, “Long” and “Simulation” are wait time in seconds for each step of the procedure, the initial value are tested to work on a desktop with i9-12900K. 1.0, 3.0, 5.0, 10.0 respectively has been shown to work on a laptop with i7-10510U.