Introduction to Python for Physicists and Engineers
Course planning for summer 2023

Date and time			Content
12.6.2023	10:15 - 12:00	Lecture	Introduction and python basics
14.6.2023	evening	Assignment 0	Printing your goals. Required for registration
15.6.2023	10:15 - 12:00	Lab 0	Loops, elements of a list
19.6.2023	10:15 - 12:00	Lab 1	Reading csv files, plotting data
22.6.2023	10:15 - 12:00	Seminar 0	Summary of assignment 0 and labs 0, 1
26.6.2023	10:15 - 12:00	Lab 2	Using numpy for manipulating arrays
29.6.2023	10:15 - 12:00	Lab 3	More about numpy. Read and write files
2.7.2023	evening	Assignment 1	Pulses
3.7.2023	10:15 - 12:00	Seminar 1	On numpy
6.7.2023	10:15 - 12:00	Lab 4	Differential equations
10.7.2023	10:15 - 12:00	Seminar 2	Mostly about ODEs
13.7.2023	10:15 - 12:00	Lab 5	Probability and Simulations
14.7.2023	evening	Assignment 2	Charged particles in magnetic fields
17.7.2023	10:15 - 12:00	Lab 6	Fitting
20.7.2023	10:15 - 12:00	Lecture	Summary
23.7.2023			End of course
28.7.2023	evening	Project	