Agenda

Introduction to Python programming

February, 5-7 2020

Cineca – Segrate (Milano)

Day 1

09:00 – 13:00
Registration – M.Cremonesi
Introduction – M.Guarrasi
Environment – M.Guarrasi
Interpreter – M.Guarrasi
Python program file – M.Guarrasi

14:00 – 18:00
Built-in types and operations – M.Guarrasi
Built-in containers – M.Guarrasi
Control flow – M.Cremonesi
Input/Output – M.Cremonesi

Day 2

09:30 – 13:00
Functions – M.Guarrasi
Introspection – M.Guarrasi
Functional programming – M.Guarrasi
String formatting – M.Guarrasi

14:00 – 18:00
Modules – M.Guarrasi
Classes (short introduction) – M.Cremonesi
Iterables, Generators and Iterators – M.Cremonesi

Day 3

09:30 – 13:00
More on introspection – M.Cremonesi
Error handling – M.Cremonesi
Decorators – M.Cremonesi

14:00 – 17:00
Standard Library (quick introduction) – M.Cremonesi
Scientific Modules (quick introduction) – M.Cremonesi

NB: the agenda may be subject to changes that will be communicated to the students as soon as possible.