

# Agenda

## Introduction to Python programming

06-08 February 2019

Cineca - Segrate (Milano)

### Day 1

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09:00 - 09:30	<ul style="list-style-type: none"><li>● Registration</li></ul>	
09:30 - 13:00	<ul style="list-style-type: none"><li>● Introduction</li><li>● Environment</li><li>● Interpreter</li><li>● Built-in types and operations</li></ul>	N. Spallanzani
14:00 - 18:00	<ul style="list-style-type: none"><li>● Python program file</li><li>● Built-in containers</li><li>● Control flow</li><li>● Input/Output</li></ul>	N. Spallanzani

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### Day 2

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09:30 - 13:00	<ul style="list-style-type: none"><li>● Functions</li><li>● Introspection</li><li>● Functional programming</li><li>● String formatting</li></ul>	N. Spallanzani
14:00 - 18:00	<ul style="list-style-type: none"><li>● Modules</li><li>● Standard Library (quick introduction)</li><li>● Scientific Modules (quick introduction)</li></ul>	N. Spallanzani

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## Day 3

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09:30 - 13:00	<ul style="list-style-type: none"><li>• Classes (short introduction)</li><li>• Iterables, Generators and Iterators</li><li>• More on introspection</li></ul>	N. Spallanzani
14:00 - 17:00	<ul style="list-style-type: none"><li>• Error handling</li><li>• Decorators</li></ul>	N. Spallanzani

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