

## Python Traps & Pitfalls

*lundi 13 avril 2026 09:00 (3h 30m)*

First, we'll take a closer look at the basic mechanisms of the Python language, beyond what can be guessed by blindly copying and pasting examples, in order to avoid the most common traps and pitfalls. Then, we'll debate the interactions with Linux. In particular, we will talk about :

- variables semantic, duck typing,
- automatic memory management,
- builtin types and collections,
- shallow and deep copy,
- functions, local and global variables,
- differences between interpreter, scripts and notebooks,
- the import and distribution of modules and packages.

Prerequisites : to have practised Python regularly, to know Linux.

**Orateur:** CHAMONT, David (IJCLab - IN2P3 - CNRS)