Mini-workshop on Scientific programming

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Summary First Day:

- Scientific software particularities: scientific libraries for python and how to “code” to be understood.
- Computer architecture, and software optimization procedures.
- Guided Tutorial (first part): hands on using the basic libraries

Summary Second Day:

- Parallel programming tools and Portable, flexible and parallel I/O (HDF5)
- A python library to perform parallel programming: Mpi4py installation, implementation and execution.
- Guided Tutorial (second part)

Necessary Libraries

Available in the following sites:

`https://www.anaconda.com/distribution/`
`https://www.scipy.org/install.html`
`https://www.tensorflow.org/install/`
`https://keras.io/`

Please create a github account:
`https://github.com/`

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