ADE / GDR CoPhy
"Tools and methodology"
Spring Workshop

Guilhem Lavaux / Yann Rasera

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What is WG Tools ?

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- Seriously:
  - provide opportunity to tutor about tools made by our cosmological community
    - Software
    - Hardware
    - Notebooks
    - Data
  - disseminate them, and give more technical details that is not possible during a pure science presentation

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- Aim:
  - one meeting per year. And then a session at the general CoPhy conference
  - get the database lively: https://univers.iap.fr/gdr_tools/tools.php
  - Organize the tutorial session such as that one on the website

Organisation

- IAP "Code of conduct": http://www.iap.fr/institut/missions/code_conduite-en.pdf
- Two lecturers:
  - Nils Schoenberg:
    - CLASS
    - MontePython
  - Clement Stahl
    - MUSIC / Monofonic
    - Ramses
    - YT / Pylians
- Contribution session (15.30 - 16.30) on every day
- Coffee break: in the hall
- Zoom link:
  - https://cnrs.zoom.us/j/93333436191?pwd=UUZuNUkxcUttNk5EeS9vODRJK2VlUT09
  - Meeting ID: 933 3343 6191
  - passcode: 96fEc4

Wifi

- IAP has eduroam
- If you do not have eduroam, emergency connection is:
  - SSID: **wisecure**
  - username: **juin**
  - password: **Xav76vaq%**

Tutorial of tutorial

- Have a consistent/reproduceable environment for running code
- One option for these three days: Google Colab
- https://colab.research.google.com/
  - Need a google account
  - Provide some CPU (and GPU if needed)
  - Kernels:
    - Python notebook oriented
    - C++ possible
    - Mathematica possible as well ! (https://github.com/mmatera/iwolfram)

https://colab.research.google.com/drive/1hEN6LqKVkS0MRVjCpISie3xIej-a3FgH?usp=sharing