



ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

WP3

Thomas Vuillaume, 29/03/2021



● Confirmed courses:

- Python and notebooks, Enrique Garcia
- Test driven developments, pytest, Max Noe
- Open Science introduction Rachael Ainsworth
- Version control, git, continuous integration, Max Noe
- Reproducible data science in practice, Arturo Sanchez Pineda
- Numpy, Tamas Gal
- Pandas, Tamas Gal,
- Matplotlib, Tamas Gal
- Scipy, Axel Donath
- Astropy, Axel Donath
- Gammapy, Axel Donath
- Intro to machine learning, Martino Sorbaro
- Introduction to Julia, Tamas Gal
- Intro to deep learning, Mikael Jacquemont



ESCAPE School

- Still TBC or looking for:
 - Debugging and profiling (Karl Kosack, TBC)
 - VSCode or Pycharm
 - Uproot/pyroot
 - GW open science
 - Intro to spark (Julien Peloton, TBC)



- LOC changes:
 - moving to online school
 - less administration and local organization
 - but more technical one (online tools, recording, chats, etc...)
 - Need volunteers



WP3 + WP5 calls

- <https://indico.in2p3.fr/event/23933/>
- metadata
- example of online platform with mybinder
- discussions on how to set this up for ESCAPE
- first action point: moving the presented example into ESCAPE environment and OSSR

