

## ESCAPE SUMMER SCHOOL



ID de Contribution: 130

Type: Non spécifié

# Reproducible science in practice

*jeudi 10 juin 2021 09:00 (1h 30m)*

It refers to a series of principles, techniques, tools and practical considerations that allow the documentation, recording and preservation of data analysis pipelines —enhancing the possibilities of collaborations across borders and increasing the probabilities of replicating results by others (and yourself) in the future. Reproducibility involves using standard and well-established protocols to ensure that your code will survive outside your computer, the passing of time and that others will be able to use it as a starting point for new analysis. We will explore several of those tools: from the use of version control and Jupyter notebook in the cloud to prepare and encapsulate software environments (VM, containers) and the usage of good practices regarding licences, citation and DOIs.

**Orateur:** SANCHEZ PINEDA, Arturo (LAPP)

**Classification de Session:** Community specific analysis