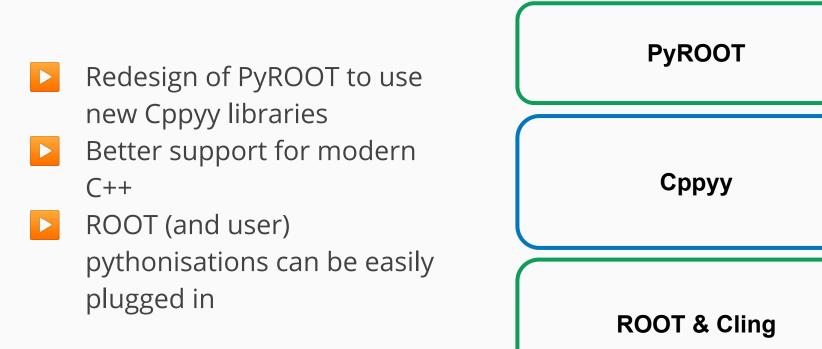# Update on Experimental PyROOT Plans

Enric Tejedor
ROOT Planning Meeting, 11-9-19
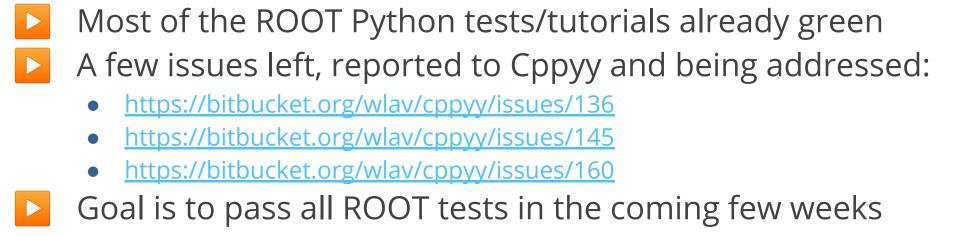
ROOT
Data Analysis Framework

https://root.cern

- ▶ Redesign of PyROOT to use new Cppyy libraries
- ▶ Better support for modern C++
- ▶ ROOT (and user) pythonisations can be easily plugged in

PyROOT

Cppyy

ROOT & Cling

▶ Most of the ROOT Python tests/tutorials already green

▶ A few issues left, reported to Cppyy and being addressed:

- https://bitbucket.org/wlav/cppyy/issues/136
- https://bitbucket.org/wlav/cppyy/issues/145
- https://bitbucket.org/wlav/cppyy/issues/160

▶ Goal is to pass all ROOT tests in the coming few weeks

▶ Next step: running Python tests from the experiments
- Increase the coverage beyond ROOT Python tests

▶ How to proceed? Our proposal:
- Make PyROOT experimental the default in master for a few days
- Identify test failures in the nightly builds of the experiments
- Debug, fix (perhaps create some dev stack in CVMFS)

▶ Not going to switch to the experimental PyROOT in 6.20
- Need more time for fixing issues and writing documentation