ROOT Users Workshop

Monday, 9 May 2022 - Thursday, 12 May 2022

Virtual

Scientific Programme

Presentations by ROOT

The ROOT team presents key new features and R&D lines. This includes topics such as:
RNTuple and object stores
RDataFrame, including on a cluster
RDataFrame's new Vary interface
ROOT used in finance research
interpreter features
ROOT-as-a-Python-module and pythonizations, covering RooFit, TFile context manager, pythonization decorator
RooFit's new architecture backends, GPU, automatic differentiation, and pythonizations
Sofie, ROOT's fast ML inference of LNNX models, using only BLAS
the new RBrowser
Eve7, the new event display

The View of Physicists

New ROOT users are most sensitive to what ROOT can improve: we hope to hear especially their input! Experienced users will report on topics such as interoperability, the use of ROOT in high-performance scenarios, in mini-analysis-frameworks, and on production clusters.

The View of Experiments

Virtually all experiments have plans or experience with ROOT-based analysis. Here we solicit input for ROOT-based analysis, and hope to hear future experiments' plans as well as current experiments' future plans.