ACAT 2019



Contribution ID: 448

Type: Oral

New ROOT graphics language

Monday 11 March 2019 16:50 (20 minutes)

For two decades, ROOT brought its own graphics system abstraction based on a graphics model inspired by the popular graphics systems available at that time. (X11, OpenGL, Cocoa ...)

With the emergence of modern C++ and recent graphics systems based on client/server models, it was time to redefined completely ROOT graphics.

This has been been done in the context of ROOT 7 which provides the new Graphics library using modern C++ serving JavaScript-based clients over the web.

This new approach re-think the High Energy Physics graphics language targeting the production of plots designed for usability with new graphics style and optimal defaults

Authors: LINEV, Serguei (GSI Darmstadt); BETSOU, Iliana (National Technical Univ. of Athens (GR)); BEL-LENOT, Bertrand (CERN); Mr COUET, Olivier (CERN)

Presenter: BETSOU, Iliana (National Technical Univ. of Athens (GR))

Session Classification: Track 1: Computing Technology for Physics Research

Track Classification: Track 1: Computing Technology for Physics Research