

# Status and Evolution of ROOT

*Monday, October 10, 2016 2:00 PM (15 minutes)*

With ROOT 6 in production in most experiments, ROOT has changed gear during the past year: the development focus on the interpreter has been redirected into other areas.

This presentation will summarize the developments that have happened in all areas of ROOT, for instance concurrency mechanisms, the serialization of C++11 types, new graphics palettes, new “glue” packages for multivariate analyses, and the state of the Jupyter and JavaScript interfaces and language bindings.

It will lay out the short term plans for ROOT 5 and ROOT 6 and try to forecast the future evolution of ROOT, for instance with respect to more robust interfaces and a fundamental change in the graphics and GUI system.

## **Tertiary Keyword (Optional)**

## **Secondary Keyword (Optional)**

## **Primary Keyword (Mandatory)**

Analysis tools and techniques

**Primary author:** NAUMANN, Axel (CERN)

**Presenter:** NAUMANN, Axel (CERN)

**Session Classification:** Track 5: Software Development

**Track Classification:** Track 5: Software Development