ROOT News

Godparents' Meeting, Axel Naumann, 2019-10-09

Team Changes

- All summer students (7) and GSoC students (4?) are now gone

- Javier Lopez-Gomez (intern) returned to Madrid

- Guilherme will be re-assigned end of this month

- Simon will finish his internship end of November

- Experienced GSoDocs contributor Johannes Hentrich started in Sept
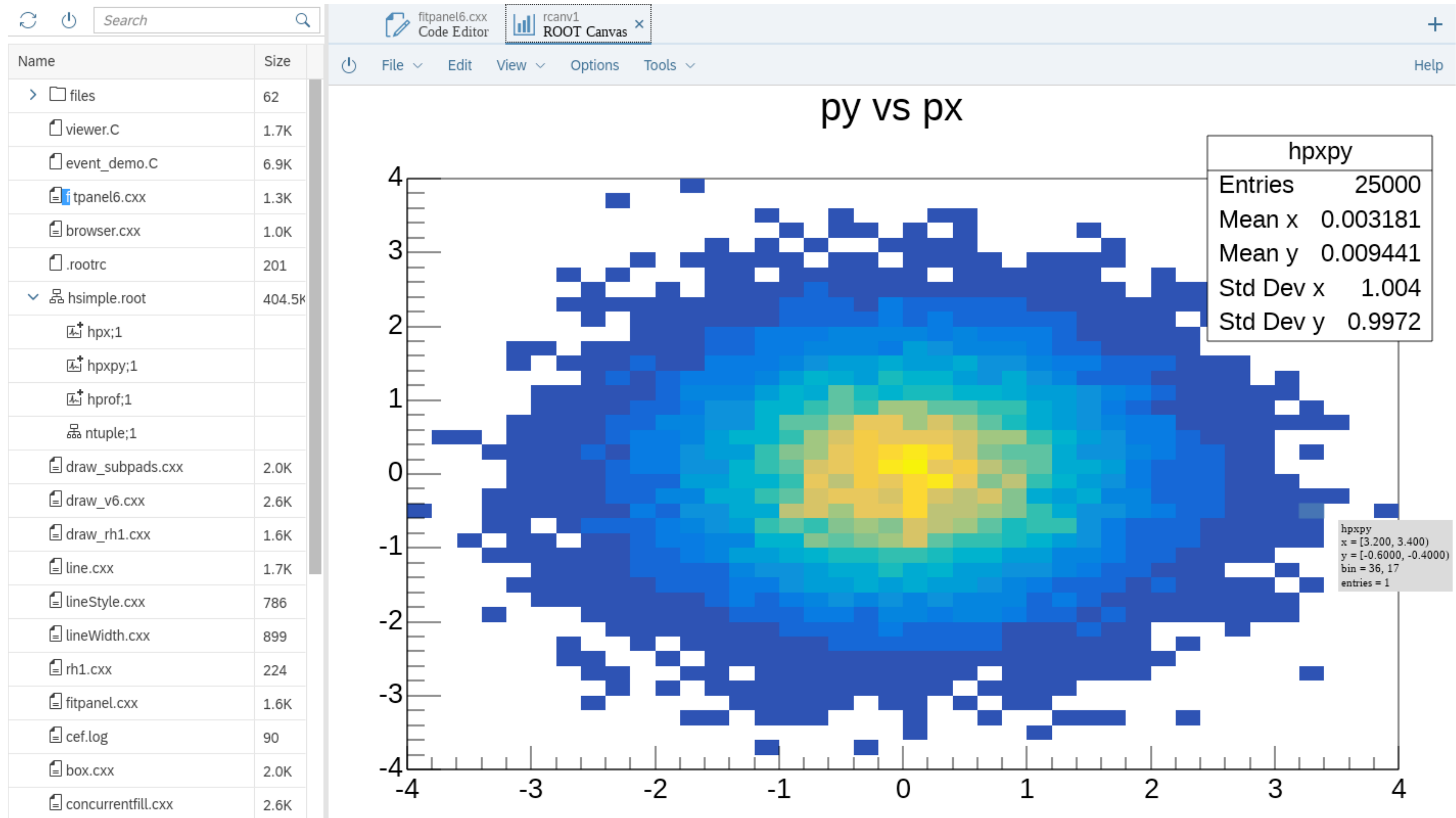
ROOT @ CHEP

- Jakob Blomer on Evolution of the ROOT Tree I/O

- Sergey Linev on New web-based ROOT GUI

- Stephan Hageböck on RooFit

- Stefan Wunsch on TMVA

- Sitting An on new inference system encompassing both decision tree and deep learning models

- Enric Tejedor on Distributed data analysis with ROOT RDataFrame

- Enric again on the new PyROOT

CERN EP Software Seminar

- New series

- First event: RDataFrame in practice

  - by ROOT's Enrico Guiraud and Elisabetta Manca (CMS)

  - https://indico.cern.ch/event/849610/

  - Oct 16, 10:00 (followed by coffee!)

Sergey @ CERN

EUMETSAT / ECMWF

- Visited CERN for two days

- ROOT was the hook

  - But insight into many other technologies shared

- https://indico.cern.ch/event/841300/

HighLO

- ROOT's technology and expertise for finance regulators: "Identifying and predicting anomalies in markets using data analytical tools from physics"

- Collaboration with Uni Wageningen, Uni Maastricht, CORMEC for 3 years

- Starts with economy + participants (prof Joost Pennings), plus best-effort for ROOT

- Access to 1 year of Chicago futures trade data to find fraud

- Using TTree, TMVA, possibly RooFit

HighLO for ROOT

- Time-series code (and expertise) for ROOT

- Plan:

  1. Publish findings to demonstrate that we can do it

  2. Ask for grants with regulators' support

- Plus giving back to society / outreach

- https://indico.cern.ch/event/851882/