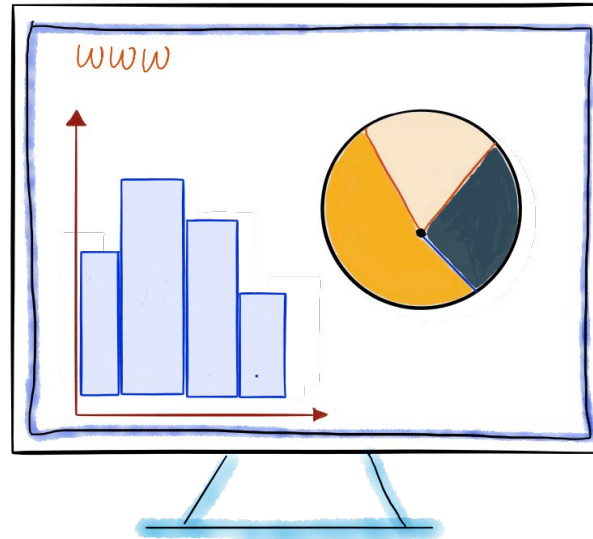


Resources for ICTP workshop

Extreme Sources of Data



Arturo Sánchez (arturos@cern.ch)

Udine-ICTP and INFN

@ICTP. July, 2017

Set of Online Resources and slides used during the classes and hand-on session at the workshop

- **First Presentation about Data and BigData and Large Experiment Data**
 - Data: http://atlasui.na.infn.it:8088/~sanchez/slides/class_cevale2ve.html
 - How data is recorded and distributed @LHC: <https://www.youtube.com/watch?v=jDC3-QSiLB4>
 - Open Data and HEP:
http://atlasui.na.infn.it:8088/~sanchez/ATLAS/outreach/presentations/November_12_2016/_book/

- **ROOT and ATLAS Open Data**
 - ROOT Framework:
http://arturos.web.cern.ch/arturos/napoli/OutReach/slides/ROOT_Introduction_CEVALE2VE_class_04_16_2016.pdf
 - ATLAS OpenData project:
http://atlasui.na.infn.it:8088/~sanchez/ATLAS/outreach/presentations/March_14_2017/_book/
 - The ATLAS OpenData website: <http://opendata.atlas.cern>

Set of Online Resources and slides used during the classes and hand-on session at the workshop

- **HEP Analysis and Notebooks session**

- The ATLAS OpenData documentation: <http://opendata.atlas.cern/extendedanalysis/documentation.php>
- Video Tutorial to start with Jupyter ROOT Notebooks: <https://www.youtube.com/watch?v=tZZa7KzdumE>
- The GitHub Notebook repository:
https://github.com/artfisica/notebooks/tree/master/outreach_online_course_June_2017
- TLorentz vector example:
https://github.com/artfisica/notebooks/blob/master/notebook_create_plot_python_example_with_TLorentz.ipynb

- **Evernote with useful practical information**

- <http://cern.ch/go/F7dL>

- **Version of the OpenKey (pendrive): 2.0**

**Thank you so much for let me be part
of such a great workshop!**

<http://opendata.atlas.cern>