

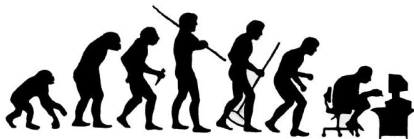
PIERRE
AUGER
OBSERVATORY

Auger Offline Workshop

—

Observer production for AugerPrime

Daniela Mockler, Alvaro Taboada, Markus Roth



Offline

What we have so far

- The Auger Observer provides an automated event reconstruction using Offline
- The following targets are currently available in ADST format:
 - ▶ SD-750, SD-1500, SD-433
 - ▶ Hybrid events
 - ▶ Golden hybrid events for SD-750 and SD-1500
- Quality data are provided in ADST (mini) and ASCII format for SD and FD targets
→ cut files are stored in the respective directories of the data selection
- Last official production is available via
`sftp -o Port=24 gaugo@augerlogin.ikp.kit.edu`

What we need for production

- Future targets to be included into Observer production
 - ▶ SSD
 - ▶ MD
 - We need a standard application, including
 - ▶ bootstrap file
 - ▶ module sequence
 - The standard application will be included in [Documentation/StandardApplications/Observer/](#)
 - Once the production is up and running, we need information about
 - ▶ bad periods
 - ▶ quality cuts (e.g on energy, zenith angle, reconstruction level, time range)
- to perform a quality selection

Nice-to-haves

How about setting up some automated crosscheck plots (as done in the FD shift), e.g

- Checks on individual station level
- Checks on event level (e.g comparison of LDFs)
- More ideas ?

