



Contribution ID: 182

Type: **not specified**

Data analysis and archiving in the Cherenkov Telescope Array Project.

Thursday, 19 May 2016 09:10 (30 minutes)

Very High Energy gamma-ray astronomy with the Cherenkov Telescope Array (CTA) is evolving towards the model of a public observatory. Handling, processing and archiving the large amount of data generated by the CTA instruments and delivering scientific products are some of the challenges in designing the CTA observatory. Data management of CTA project is designed to respond to three main issues: (i) the treatment and flow of data from remote telescopes; (ii) "big-data" archiving and processing; (iii) and open data access. In this communication the overall technical design of the computing and archiving activities of CTA observatory is reported including the status of some prototypes.

Presenter: Dr PERRI, Matteo (INAF OAR e ASDC)

Session Classification: Sessione: Calcolo negli esperimenti e prospettive