Contribution ID: **80**   Type: **Poster**

NANOAOD: a new compact event data format in CMS

Tuesday 5 November 2019 16:15 (15 minutes)

The CMS Collaboration has recently commissioned a new compact data format, named NANOAOD, reducing the per-event compressed size to about 1-2 kB. This is achieved by retaining only high level information on physics objects, and aims at supporting a considerable fraction of CMS physics analyses with a ˜20x reduction in disk storage needs. NANOAOD also facilitates the dissemination of analysis methods and the automation of standard workflows for deriving conditions and object calibrations. The latest developments of this project will be presented.

Consider for promotion

No

Authors: CMS COLLABORATION; EHATAHT, Karl (National Institute of Chemical Physics and Biophysics (EE))

Presenter: EHATAHT, Karl (National Institute of Chemical Physics and Biophysics (EE))

Session Classification: Posters

Track Classification: Track 6 –Physics Analysis