

Open Data & round table on data access

Status of ALICE

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ALICE



- Reproducibility of published results by the collaboration
- Re-processing of the data chain at any stage, with the possibility to modify the procedure
- Transparency in the analysis procedure allowing the re-analysis by third party categories



- Level 1** Data points of published data are made public on third-party platforms (such as Inspire or HEPData)
- Level 2** Simplified data formats will be made public along with the associated software for outreach and educational purposes
- Level 3** Data with high abstraction, such as AOD data and MC, will be made public after an embargo period
 - 10% of the data will be published after 5 years
 - 100% of the data will be published after 10 years
- Level 4** No raw data will be published because processing these requires a detailed knowledge of the ALICE detector



- Require suitable acknowledgement (“data was collected by ALICE”)
- Disclaimer (“no responsibility is taken by the ALICE collaboration for the results published here”)
- License policy will be detailed in the implementation document



Research | ALICE

These ALICE datasets contain a sample of events from the p-p and Pb-Pb LHC runs in 2010, in the ESD (event summary data) format of the ALICE reconstruction program. The events are unbiased and are not a result of event selections and this format is directly usable by the analysis done by ALICE physicists. The data can be downloaded and used from a specific ALICE virtual machine image which can be installed using this procedure (link) and which demonstrates some ALICE analysis and event display examples. A single dataset is exposed in the form of a custom VSD (V0 summary data) format, which is not usable in normal analysis but just by a set of masterclasses available also from the ALICE VM. For the first release, no simulated Monte Carlo datasets are provided.

VM | Getting started | Software and tools

ALICE Derived Datasets	ALICE Reconstructed Data	ALICE Tools
This collection contains reduced information for the reconstructed tracks and their associated clusters from a set of Pb-Pb...	This collection contains files with reconstructed ALICE events in the Event Summary Data (ESD) format and they can be used...	This collection contains all software packages needed to run a set of ALICE Physics masterclasses and a simple ESD-based...
Total records: 0	Total records: 13	Total records: 5

ALICE Learning Resources

This collection contains ALICE learning resources.

Total records:
0

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Figure 1: The first pp and Pb-Pb data published on opendata.