



Contribution ID: 63

Type: **not specified**

Platform-independent integration of DAQ software in EUDET family telescopes using docker containers

Tuesday 15 January 2019 09:00 (20 minutes)

Containerization software has been proved to be an interesting approach to facilitate the creation, deployment and run applications, reducing time-consumption tasks like, for instance, software installation, error reproducibility or software maintenance.

The DAQ software for telescopes and DUTs is an excellent candidate to be “dockerize”, as it will minimize usual bottle necks in the DAQ software integration and development, and posterior deployment in the test beam areas.

We present an example of successful “dockerization” of the DAQ softwares for the EUTEL/AIDA telescopes and the RD53A DUT readout chips, tested during this year beam test campaigns for the Phase-II Upgrade of the CMS Inner Tracker.

Author: Dr DUARTE CAMPDERROS, Jordi (Universidad de Cantabria (ES))

Presenter: Dr DUARTE CAMPDERROS, Jordi (Universidad de Cantabria (ES))

Session Classification: Software Tools