

TriDAS SRO Framework

Friday, December 10, 2021 9:30 AM (25 minutes)

Trigger and Data Acquisition System, or TriDAS for short, is a triggerless streaming readout software developed initially for the NEMO neutrino telescope project. Since then, thanks to its scalability and modularity, the system has been adapted to collect data from different phases of the project and also from other detectors. In summer 2020, TriDAS was used to implement a prototype streaming readout data-taking with the CLAS12 detector, at JLAB. These days, a new TriDAS version is under development for the integration in the ERSAP microservices architecture. This implementation sketches preliminary studies toward the streaming readout for the EIC project.

Primary authors: Ms CAPPELLI, Laura (INFN - CNAF); PELLEGRINO, Carmelo (INFN-CNAF); CHIARUSI, Tommaso (INFN-Bologna); GIACOMINI, Francesco (INFN-CNAF)

Presenter: Ms CAPPELLI, Laura (INFN - CNAF)

Session Classification: DAQ, Future & Test Plans

Track Classification: DAQ, Future & Test Plans