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Liquid Argon Software (LArSoft) an overview

Friday 29 July 2022 09:00 (30 minutes)

In this talk we are going to introduce the Liquid Argon Software (LArSoft), this framework is an important tool in the simulation and reconstruction of different phenomena across liquid argon time projection chambers used in neutrino experiments, the main objective of this talk is allowing the public to know the software structure and the basic steps in the construction of a simulation using LarSoft and all the functionalities it has. Additionally, some simulation examples will be presented and discussed. Finally, the broad context of application of LarSoft in the DUNE experiment is presented.

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