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## **【386】 The SND@LHC data acquisition system**

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The SND@LHC (Scattering and Neutrino Detector at the LHC) is a recently approved neutrino and feebly interacting particles search experiment, based at CERN.

It is located 480 m away from the ATLAS interaction point and consists of a target region built of emulsion-tungsten walls interleaved by scintillating fibre planes, a hadronic calorimeter built of scintillating bars and iron absorbers, and a muon identification system.

All scintillators are read out by silicon photomultipliers and a custom read-out electronics based on the TOFPET2 ASIC, allowing for signal discrimination and amplitude and time measurement.

The talk will discuss the structure of the data acquisition system and on the amplitude and time measurement performance.

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