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[326] The SND@LHC detector

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The SND@LHC is a 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, and a hadronic calorimeter-muon identification system, built of scintillating bars and iron absorbers. 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. It has been installed at the end of 2021, ready to take data during Run 3. The talk will discuss the detector concept, the installation and the commissioning.

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