



TriDAS System

- L1 trigger primitives @40 MHz
- PF selection, 750 kHz output
- HLT output @7.5 kHz

Tracker

- Radiation tolerant, granularity
- Tracks in L1 trigger hardware
- Coverage up to $|\eta| = 1.38$

Muon System

- New electronics
- Extended coverage GEM/RPC
- Muon tagging at high η

Barrel Calorimeters

- New BE/BF electronics
- ECAL: Reduced temperature
- HCAL: Partially new scintillators

MIP Timing Detector

- Precision timing for PU mitigation
- Barrel: Crystals + SiPM
- Endcap: Low gain avalanche diodes

High Granularity Calorimeter

- Radiation hardness
- Timing information
- Coverage up to $1.5 < |\eta| < 3.0$