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The Precision Tracker of the OPERA Detector

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The long-baseline neutrino oscillation experiment OPERA has been designed for the direct observation of ν_{τ} appearance in the CNGS ν_{μ} beam.

The OPERA detector, located at the LNGS underground laboratory, consists of two identical Super Modules (SM): A target region composed of about 75000 Emulsion Cloud Chamber modules - providing micrometric resolution - and scintillator strips, followed by a magnetic spectrometer that consists of dipole magnets, Resistive Plate Chamber detectors (RPC) and the Precision Tracker drift tube detector (PT).

Details on the PT architecture and performance will be presented.

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