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# The Forward Physics Facility at the LHC

The Forward Physics Facility (FPF) is a proposal developed to exploit the unique scientific potential made possible by the intense hadron beams produced in the far-forward direction at the high luminosity LHC (HL-LHC). Housed in a well-shielded cavern 627 m from the LHC interactions, the facility will enable a broad and deep scientific programme which will greatly extend the physics capability of the HL-LHC. Instrumented with a suite of four complementary detectors – FLArE, FASERv2, FASER2 and FORMOSA – the FPF has unique potential to shed light on neutrino physics, QCD, astroparticle physics, and to search for dark matter and other new particles. This talk will briefly summarize some of the key scientific drivers for the facility, the conceptual design of facility and the experiments.

## Secondary track

T03 - Neutrino Physics

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