

BSM physics in the far-forward region of the LHC

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The ongoing LHC Run 3 has initiated a novel BSM and neutrino physics program at the LHC in its far-forward region. While dedicated detectors FASER and SND@LHC are already taking data this could be further significantly extended during the HL-LHC era with the proposed Forward Physics Facility (FPF). In the talk I will summarize the physics opportunities of this new research direction with an emphasis of BSM searches.

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