

US activities and plans for physics and detector studies for FCC-hh

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There is considerable expertise and a growing interest in the US hadron collider community to help understand and develop the physics case for a future, higher-energy hadron collider beyond the LHC. This interest extends from developing BSM models that can address the big, open questions in the standard model, to performing simulated analyses to quantify the sensitivity of benchmark models for a 100 TeV pp collider, to understanding the detector requirements. We will present a summary of collaborative activities occurring in the US in these directions, as well as near-term plans.

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