

# VBF for Higgs to BSM at the future Muon Collider

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In this talk, we discuss the direct coupling of the Higgs boson to BSM particles at the future Muon Collider (MuC). At high-energy MuC, the processes we consider are naturally dominated by vector boson fusion (VBF), which emits high-rapidity muon pairs. Thus, by studying forward muon pairs, we can probe the coupling. Furthermore, due to the characteristics of VBF, we can determine whether the process is Higgs-mediated.

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