

High-energy muons at the Forward Physics Facility

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Muons produced at the LHC are the only Standard Model species besides neutrinos that can reach in large numbers the Forward Physics Facility. A combination of their typical high energy and very precise experimental tools to study their flux and interactions will open up a possibility for new exciting searches in this unique low-background environment. In the talk, we will mention a few such opportunities that could initiate further discussions about a possible far-forward muon-physics program at the LHC.

Primary author: TROJANOWSKI, Sebastian

Co-author: KLING, Felix (SLAC)

Presenter: TROJANOWSKI, Sebastian

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