

SPEAKER: Gudrun Hiller

TITLE: **Going ahead with flavor,
asymptotically**

DATE: 13 Jan 2021, 15:00

PLACE:

ABSTRACT

We report on recent advances in flavorful model building based on asymptotic safety. The latter stipulates that theories are controlled up to the Planck scale and beyond by an interesting (i.e. interacting) RG fixed point. A key ingredient are Yukawa couplings, in the SM also the agents of flavor. We present new results for flavorful BSM model building, including new solutions to $g-2$ anomalies in muons and electrons, and discuss the collider phenomenology that results from vector-like fermions and singlet scalars.