



Sommerfeld Theory Colloquium

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Precision at the LHC: why and how

With Run II, the LHC experiment already reached an unprecedented level of precision compared to previous hadron colliders. The amount of data collected in Run III and the High-Luminosity run will increase quickly and dramatically. I will discuss specific challenges to theorists that must be overcome to provide predictions that have the precision necessary to match the accuracy of data. A few novel ideas to exploit this precision directly or indirectly will also be discussed.

Wednesday, 15 January 2020, 16:15h, Room A348, Theresienstr. 37/III