Contribution ID: 102

Radiative corrections to nuclear processes

Friday 19 April 2024 09:00 (30 minutes)

One loop radiative corrections to beta-decays of hadrons are significantly enhanced with respect to analogous corrections to the muon decay. The nature of this enhancement will be presented, stressing similarities and differences with the Sommerfeld enhancement near the threshold. Extension to two loops will be discussed, as well as applications to other processes including the solar proton-proton fusion.

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Session Classification: Plenary 4